INNOVATION
LEADS THE
FUTURE POWER

www.kipor.com

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KIPOR

Generators

Portable Series 2012

PORTABLE
DIGITAL GENERATOR

KIPOR has the right generator to meet your portable power needs. KIPOR---the best choice in portable power.
Outstanding serviceability and reliable performance in a simple, easy-to-use design make Kipor generators the best choice in portable power.

Ideal for RV, campground, home and outdoor power applications.

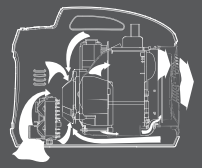
KIPOR Digital Sinemaster Generators provide clean and quiet portable power. These compact and light-weight generators are the perfect match for the RV or campground, when you want all the conveniences at home or bring a Digital generator to the worksite. The pure sine wave generators can run sensitive electronic equipment.

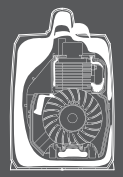
1

Inverter Technology

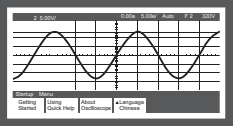
Kipor Digital Generators deliver a stable, pure sine wave AC output, reliable enough to power even the most sensitive electronic equipment. When you need backup power at home, these technically advanced inverter generators will get you and all your appliances through any power related emergency. A high efficiency combustion system produces low emissions to maintain a clean environment. Kipor’ s unique Smart Throttle control system fosters exceptional fuel economy. Kipor Digital Generators deliver quiet, quality power in a compact package ranging in size from small easy to carry lightweight models to larger models with ergonomically designed handles and wheels that can be easily trans-ported.
Sinemaster generators are designed for maximum portability.

2





Unique patented air cooling system



Sine wave diagram of KIPOR Digital series generator

3

Product Features

Clean high quality output can power the most sensitive electronic equipment.

Lightweight and compact design for maximum portability and efficiency.

Low noise design is optimized for effciency resulting in a clean digital generator.

Kipor Digital Generators feature low emissions and are highly fuel efficient and quiet making them among the most environmentally friendly generators on the market.

The microprocessor control instantly senses an overload or short circuit and immediately shuts off the engine to protect the generator and the load.

The inverter module adjusts the engine speed based on the load required resulting in reduced wear and fuel consumption.

Ideal for RV, campground and home applications.

IG GASOLINE

- Low noise design
- Lightweight and compact
- Long running time
- Advanced inverter technology provides reliable power for computers and other sensitive equipment

One of KIPOR's never ending tasks is to produce high quality environmentally friendly generators.

Today KIPOR offers digital generator which are considered advanced, reliable, and with a high quality output.

We wish to develop technologies to improve our lives.KIPOR is always on the move to achieve that dream.

IG gasoline models

	IG770	IG1000	IG1000s	IG1000p
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Rated output (kVA)	0.7	0.9	0.9	0.9
Max. output (kVA)	0.77	1.0	1.0	1.0(1.8 in parallel)
Dimensions(mm)	415×220×360	460×250×395	600×250×400	460×250×395
Noise level (zero load-full load) [dB(A)/1m]	60-65	54-59	54-59	54-59
Net weight (kg)	10.5	14	16	14

Product Features

Lightweight Portable
The alternator is connected directly to the engine, eliminating the weight of the flywheel.

Unique Structure Utilizing The Latest Technology
The generator is cooled by a patented air intake system.The smart throttle power management system, the sound attenuated structure and inverter style output all combine to produce state of the art portable electric power.

Certification
KIPOR digital gensets have received EPA, CE, CARB, CETL and PSE certification.

Green Power System
The KIPOR Digital Sinemaster Series is among the most environmental friendly class of generators in the marketplace.

Quality Power
KIPOR applies inverter technology to the Digital Sinemaster Series generators to produce pure sine wave AC output.

A Wide Range of Benefits
In addition to clean, quiet, and efficient power, KIPOR offers superior overload and low oil level protection to all digital generators.

KIPOR has the right generator to meet your portable power needs. KIPOR---the best choice in portable power.
Outstanding serviceability and reliable performance in a simple, easy-to-use design make Kipor generators the best choice in portable power.

Ideal for RV, Campground, Home Applications and more.

KIPOR Digital Sinemaster Generators provide clean and quiet portable power. These compact and lightweight generators are the perfect match for the RV or campground when you want all the conveniences at home or bring a Digital generator to the worksite. The pure sinewave generators can run sensitive electronic equipments.

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IG gasoline models

	IG2000	IG2000s	IG2000p
Rated frequency (Hz)	50/60	50/60	50/60
Rated output (kVA)	1.6	1.6	1.6
Max. output (kVA)	2.0	2.0	2.0(3.6 in parallel)
Dimensions(mm)	515×300×430	670×300×430	515×300×430
Noise level (zero load-full load) [dB(A)/1m]	61-73	61-73	61-73
Net weight (kg)	22	24.5	22

	IG2600	IG2600p
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	2.3	2.3(4.14 in parallel)
Max. output (kVA)	2.6	2.6(4.68 in parallel)
Dimensions(mm)	565×320×465	640×330×465
Noise level (zero load-full load) [dB(A)/1m]	58-65	58-65
Net weight (kg)	29.5	29.5

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- Lightweight and compact
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IG gasoline models

	IG3000	IG3000p	IG3000E
Rated frequency (Hz)	50/60	50/60	50/60
Rated output (kVA)	2.8	2.8	2.8
Max. output (kVA)	3.0	3.0(5.4 in parallel)	3.0
Dimensions(mm)	685×430×495	685×430×495	495×410×430
Noise level (zero load-full load) [dB(A)/1m]	63-73	63-73	68-78
Net weight (kg)	57	57	40

	IG6000	IG6000h
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	5.5	5.5
Max. output (kVA)	6.0	6.0
Dimensions(mm)	802×495×655	1235×660×770
Noise level (zero load-full load) [dB(A)/1m]	65-75	65-75
Net weight (kg)	96.5	98.3

Product Features

Lightweight Portable
The alternator is connected directly to the engine, eliminating the weight of the flywheel.

Unique Structure Utilizing The Latest Technology
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The smart throttle power management system, the sound attenuated structure and inverter style output all combine to produce state of the art portable electric power.

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KIPOR applies inverter technology to the Digital Sinemaster Series generators to produce pure sine wave AC output.

A Wide Range of Benefits
In addition to clean, quiet, and efficient power, KIPOR offers superior overload and low oil level protection to all digital generators.

Technical Data

Generating set		IG770		IG1000	
Rated frequency	Hz	50	60	50	60
Prime power	kVA	0.7		0.9	
Standby power	KVA	0.77		1	
Rated voltage	V	230	120/240	230	120/240
Rated current	A	3.04	5.83/2.92	3.9	7.5/3.75
Rated rotation speed	r/min	6000		5500	
DC output		Without		12V-5.0A	
Generator type		KD09		KD10	
Power factor	COSΦ	1		1	
Phase number		Single phase		Single phase	
Engine					
Engine type		KG140		KG144	
Structure type		Single cylinder, in-lined, 4-stroke, air cooled,overhead valve		Single cylinder, in-lined, 4-stroke, air cooled,overhead valve	
Bore×stroke	mm	40×30		43.5×36	
Displacement	ml	0.03768		0.0535	
Compression ratio		8.5∶1		8.5∶1	
Rated power	KW/(r/min)	1.0/6000		1.3/5500	
Lube oil brand		Above SF SAE 10W-30		Above SF SAE 10W-30、15W-40	
Lube capacity	L	0.15		0.2	
Lgnition system		T.C.I		T.C.I	
Spark plug		UR5		UR5	
Starter system		Recoil starter		Recoil starter	
Battery capacity		-		-	
Fuel type		Vehicle lead-free petrol		Vehicle lead-free petrol	
Lowest fuel consumption(g/KW.h)	g/KW.h	450		420	
Genset					
Fuel consumptiom	g/KW.h	550		550	
Fuel tank capacity	L	1.55		2.6	
Continuous running time(hr)(rated output)	h	3		5	
Noise(unload-full load)	dB(A)/1m	60－65		54－59	
Overall dimension	mm	415×220×360		460×250×395	
		-		-	
Net weight	kg	10.5		14	
Structure type		Portable, silent		Portable, silent	

IG1000s		IG1000p		IG2000	
50	60	50	60	50	60
0.9		0.9		1.6	
1		1(1.8KVA in parallel)		2	
230	120/240	230	120/240	230	120/240
3.9	7.5/3.75	3.9	7.5/3.75	7	13.3/6.7
5500		5500		4500	
12V-5.0A		12V-5.0A		12V-5.0A	
KD10		KD10		KD20	
1		1		1	
Single phase		Single phase		Single phase	
KG144		KG144		KG158	
Single cylinder, in-lined, 4-stroke, air cooled,overhead valve		Single cylinder, in-lined, 4-stroke, air cooled,overhead valve		Single cylinder, in-lined, 4-stroke, air cooled,overhead camshaft	
43.5×36		43.5×36		58×40	
0.0535		0.0535		0.1056	
8.5∶1		8.5∶1		8.5∶1	
1.3/5500		1.3/5500		2.2/4500	
Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40	
0.2		0.2		0.4	
T.C.I		T.C.I		T.C.I	
UR5		UR5		UR5	
Recoil starter		Recoil starter		Recoil starter	
-		-		-	
Vehicle lead-free petrol		Vehicle lead-free petrol		Vehicle lead-free petrol	
420		420		420	
550		550		550	
2.6		2.6		3.7	
5		5		3	
54－59		54－59		61－73	
600×250×400(after shrinkage)		460×250×395		515×300×430	
330×215×140(lamp cap)		-		-	
16		14		22	
Portable, silent, lamp cap		Portable, silent		Portable, silent	

Technical Data

Generating set		IG2000s		IG2000p	
Rated frequency	Hz	50	60	50	60
Prime power	kVA	1.6		1.6	
Standby power	KVA	2		2(3.6KVA in parallel)	
Rated voltage	V	230	120/240	230	120/240
Rated current	A	7	13.3/6.7	7	13.3/6.7
Rated rotation speed	r/min	4500		4500	
DC output		12V-5.0A		12V-5.0A	
Generator type		KD20		KD20	
Power factor	COSΦ	1		1	
Phase number		Single phase		Single phase	
Engine					
Engine type		KG158		KG158	
Structure type		Single cylinder, in-lined, 4-stroke, air cooled,overhead camshaft		Single cylinder, in-lined, 4-stroke, air cooled,overhead camshaft	
Bore×stroke	mm	58×40		58×40	
Displacement	L	0.1056		0.1056	
Compression ratio		8.5Ǔ1		8.5Ǔ1	
Rated power	KW/(r/min)	2.2/4500		2.2/4500	
lube oil brand		Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40	
Lube capacity	L	0.4		0.4	
Spark plug		T.C.I		T.C.I	
Lgnition system		UR5		UR5	
Starter system		Recoil starter		Recoil starter	
Battery capacity		-		,	
Fuel type		Vehicle lead-free petrol		Vehicle lead-free petrol	
Lowest fuel consumption(g/KW.h)	g/KW.h	420		420	
Genset					
Fuel consumptiom	g/KW.h	550		550	
Fuel tank capacity	L	3.7		3.7	
Continuous running time(hr)(rated output)	h	3		3	
Noise(unload-full load)	dB(A)/1m	61 X 73		61－73	
Overall dimension	mm	670×300×430		515×300×430	
		330×215×140(lamp cap)		-	
Net weight	kg	24.5		22	
Structure type		Portable, silent, with light		Portable, silent	

IG2600		IG2600h		IG2600p	
50	60	50	60	50	60
2.3		2.3		2.3	
2.6		2.6		2.6(4.68KVA in parallel)	
230	120/240	230	120/240	230	120/240
10	19.2/9.6	10	19.2/9.6	10	19.2/9.6
3600		3600		3600	
12V-5.0A		12V-5.0A		12V-5.0A	
KD30		KD30		KD30	
1		1		1	
Single phase		Single phase		Single phase	
KG166		KG166		KG166	
Single cylinder, in-lined, 4-stroke, air cooled,overhead camshaft		Single cylinder, in-lined, 4-stroke, air cooled,overhead camshaft		Single cylinder, in-lined, 4-stroke, air cooled,overhead camshaft	
66×50		66×50		66×50	
0.171		0.171		0.171	
8.5Ǔ1		8.5Ǔ1		8.5Ǔ1	
3.3/3600		3.3/3600		3.3/3600	
Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40	
0.55		0.55		0.55	
T.C.I		T.C.I		T.C.I	
WR7DC		WR7DC		WR7DC	
Recoil starter		Recoil starter		Recoil starter	
-		-		-	
Vehicle lead-free petrol		Vehicle lead-free petrol		Vehicle lead-free petrol	
395		395		395	
500		500		500	
5		5		5	
3		3		3	
58-65		58-65		58-65	
565×320×465		640×330×465		640×330×465	
-		-		-	
29.5		31		29.5	
Portable, silent		Portable, silent, with stretch hand lever		Portable, silent, with stretch hand lever	

Technical Data

Generating set		IG3000		IG3000p		IG3000E	
Rated frequency	Hz	50	60	50	60	50	60
Prime power	kVA	2.8		2.8		2.8	
Standby power	KVA	3		3(5.4KVA in parallel)		3	
Rated voltage	V	230	120/240	230	120/240	230	120/240
Rated current	A	12.2	23.3/11.7	12.2	23.3/11.7	12.2	23.3/11.7
Rated rotation speed	r/min	3600		3600		3600	
DC output		12V-5.0A		12V-5.0A		12V-5.0A	
Generator type		KD35		KD35		KD35	
Power factor	COSΦ	1		1		1	
Phase number		Single phase		Single phase		Single phase	
Engine							
Engine type		KG205GETi		KG205GETi		KG205GEXi	
Structure type		Single-cylinder, 4 stroke,air cooled, cylinder inclined,overhead value ï		Single-cylinder, 4 stroke,air cooled, cylinder inclined,overhead value ï		Single-cylinder, 4 stroke,air cooled, cylinder inclined,overhead value ï	
Bore×stroke	mm	68×54		68×54		68×54	
Displacement	L	0.196		0.196		0.196	
Compression ratio		8.5Ű1		8.5Ű1		8.5Ű1	
Rated power	KW/(r/min)	4/3600		4/3600		4/3600	
Lube oil brand		Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40	
Lube capacity	L	0.6		0.6		0.6	
Lgnition system		T.C.I		T.C.I		T.C.I	
Spark plug		WR7DC		WR7DC		WR7DC	
Starter system		Recoil starter,electric system		Recoil starterr,electric system		Recoil starter,electric system	
Battery capacity		12V X 8Ah		12V X 8Ah		12V X 8Ah	
Fuel type		Vehicle lead-free petrol		Vehicle lead-free petrol		Vehicle lead-free petrol	
Lowest fuel consumption(g/KW.h)	g/KW.h	395		395		395	
Genset							
Fuel consumptiom	g/KW.h	500		500		500	
Fuel tank capacity	L	13		13		9.4	
Continuous running time(hr) (rated output)	h	6.7		6.7		5	
Noise(unload-full load)	dB(A)/1m	63 X 73		63－73		68-78	
Overall dimension	mm	685×430×495		685×430×495		495×410×430	
		-		-		-	
Net weight	kg	57		57		40	
Structure type		Silent		Silent		Open-framed	

IG4000		IG6000		IG6000h	
50	60	50	60	50	60
4		5.5		5.5	
4.3		6		6	
230	120/240	230	120/240	230	120/240
17.4	33.3/16.7	23.9	45.8/22.9	23.9	45.8/22.9
3600		3600		3600	
12V-5.0A		12V-5.0A		12V-5.0A	
KD40		KD70		KD70	
1		1		1	
Single phase		Single phase		Single phase	
KG280GETi		KG390GETi		KG390GETi	
Single-cylinder, 4 stroke,air cooled, cylinder inclined,overhead value ï		Single-cylinder, 4 stroke,air cooled, cylinder inclined,overhead value ï		Single-cylinder, 4 stroke,air cooled, cylinder inclined,overhead value ï	
78×58		88×64		88×64	
0.277		0.389		0.389	
8.5Ű1		8.5Ű1		8.5Ű1	
5.5/3600		7.7/3600		7.7/3600	
Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40		Above SF SAE 10W-30、15W-40	
1.1		1.1		1.1	
T.C.I		T.C.I		T.C.I	
WR7DC		WR7DC		WR7DC	
Recoil starter,electric system		Electric system		Electric system	
12V－11Ah		12V X 11Ah		12V X 11Ah	
Vehicle lead-free petrol		Vehicle lead-free petrol		Vehicle lead-free petrol	
374		374		374	
500		500		500	
13		22		22	
5		6		6	
65－73		65－75		65-75	
805×470×570		802×495×655		1235×660×770	
-		-		-	
75		96.5		98.3	
Silent		Silent		Silent,with retractable handles	

PORTABLE
DIGITAL GENERATOR

DIESEL DIGITAL GENERATOR

Ready for big time power?

KIPOR ID series generators can handle those power draining startups demanded by some appliances and tools. KIPOR ID series generators feature low noise, are lightweight, and easy to use. They are an ideal outdoor power source whenever you need it. Its inverter produces a pure sine wave output which is perfect for any precision equipment.

Popular uses:
Run an air conditioner, refrigerator, microwave oven or portable heater. On the job site, run a router, drill, sander, or air compressor.

1

Energy-saving 25%

KIPOR applies an “Intelligent Energy Saving Mode” which will adjust engine speed according to the load requirement. It will reduce fuel consumption by up to 25%.

2

Large current, compact size and light weight

3

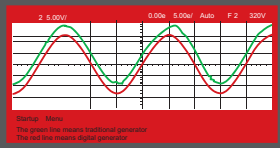
Low noise design

Low noise design is optimized for effciency resulting in a clean digital generator.

4

Pure sine wave output

High quality pure sine wave electrical output
Ideal for sensitive loads like computers,
HD TV sets and microprocessor controlled appliances.



We wish to develop technologies to improve our lives.
KIPOR is always on the move to achieve that dream.

ID DIESEL

- Silent design 57-70db(a)/7m
- Advanced inverter technology provides reliable power for computers and other sensitive equipment
- Stylish and patented appearance design
- Powered by a fuel efficient and long lasting diesel engine lowering the cost of operation

The KIPOR diesel inverter generator brings the latest technology to portable generators- the perfect match between the engine and a high efficiency multi-pole alternator and microprocessor controlled inverter system.

A permanent magnet alternator eliminates excitation windings, carbon brushes and rotor slip rings. The construction is much simpler with the stator bolted directly to the engine. The alternator is smaller in size but can achieve an alternator efficiency or 93%.

High in reliability, free of radio interference, and capable of operating in high humidity and dusty environments, a KIPOR diesel inverter generator is your best choice.

Product Features

Stable Output
Application of inverter technology ensures a stable true sine-wave output with total harmonic distortion (THD) less than 1% and voltage and frequency fluctuation less than 1%.

Compact Structure, High Output
The design is a compact structure resulting in a small size, light weight, quiet and high engine efficiency.

More Economy
Engine running speed varies with the load resulting in higher fuel economy and prolonged engine service life. Compared with Kipor conventional generators, Kipor diesel inverters reduce fuel consumption by up to 40%. Users benefit by a much lower cost of operation.

Optimized Alternator
A permanent magnet alternator eliminates excitation windings, carbon brushes and slip rings greatly reducing weight and service requirements.

Complete Protection
Low oil pressure, high coolant temperature, over and under voltage, short circuit, and incorrect battery connection- these protections are integrated into each set and ensure long, safe, and reliable operation.

ID diesel models

New

New

	ID6000	ID7000
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	5	5.5
Max. output (kVA)	5.5	6
Noise level (7m)dB(A)	62-69	65-72
Net weight (kg)	168	189
Overall dimension (LxWxH) (mm)	875×530×750	934×564×750

	ID10	ID15	ID20
Rated frequency (Hz)	50/60	50/60	50/60
Rated output (kVA)	9.5	14.5	19.5
Max. output (kVA)	10.5	16	21
Noise level (7m)dB(A)	66	68	68
Net weight (kg)	285	500	635
Overall dimension (LxWxH) (mm)	1250×650×800	1500×780×1000	1600×780×1050

Technical Data

Generating set		ID6000		ID7000	
Rated frequency	Hz	50	60	50	60
Prime power	kVA	5		5.5	
Standby power	KVA	5.5		6	
Rated voltage	V	115/230	120/240	115/230	120/240
Rated current	A	43.5/21.7	41.7/20.8	47.8/23.9	45.8/22.9
Rated rotation speed	r/min	1700-3300		1700-3300	
Generator					
Generator type		KD70		KD70	
Motor type/frequency type		Outer rotor multipole permanent magnet mortor/IGBT digital frequency switch			
Circuit mode		Sigle phase, 3 circuit		Sigle phase, 3 circuit	
Power factor	COSΦ	1		1	
Insulation grade		F		F	
Engine					
Engine type		KD186FGETi		KD188FGETi	
Structure type		Single-cylinder,4 stroke, air cooled,direct-injected		Single-cylinder,4 stroke, air cooled,direct-injected	
Bore×stroke	mm	86×75		88×86	
Displacement	L	0.436		0.523	
Compression ratio		19.6：1		19：1	
Rated power	KW/(r/min)	6.3/3600		7.0/3300	
Lubrication system		Pressure splashed		Pressure splashed	
Lube oil brand		Above CD SAE 10W-30、15W-40		Above CD SAE 10W-30、15W-40	
Lube capacity		1.65		1.65	
Starter system		Electric system		Electric system	
Battery capacity		12V X 36Ah		12V X 36Ah	
Fuel consumptiom	g/KW.h	281.5		279	
Fuel type		Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset					
Fuel tank capacity	L	14.5		14.5	
Continuous running time(hr)(rated output)	h	6		5.5	
Noise level(7m)	dB(A)	62-69		65-72	
Overall dimension	mm	875×530×750		934×564×750	
Net weight	kg	168		189	
Structure type		Silent		Silent	

Generating set		ID10		IID15		ID20	
Rated frequency	Hz	50	60	50	60	50	60
Prime power	kVA	9.5		14.5		19.5	
Standby power	KVA	10.5		16		21	
Rated voltage	V	115/230	120/240	115/230	120/240	115/230	120/240
Rated current	A	82.6/41.3	79.2/39.6	126/63	121/60.4	169.6/84.8	162.5/81.3
Rated rotation speed	r/min	1700-3000		1500-2400		1500-2400	
Generator type		KD100		KD150		KD200	
Motor type/frequency type		Multipole Rb-Fe-B permanent magnet /IGBT digital frequency					
Circuit mode		Sigle phase, 3 circuit		Sigle phase, 3 circuit		Sigle phase, 3 circuit	
Power factor	COSΦ	1		1		1	
Insulation grade		H		H		H	
Engine							
Engine type		KD373GTi		KKD388GTi		KD488GTi	
Structure type		3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged î		3-cylinder, in-lined, water-cooled, 4-stroke, direct-injected		4-cylinder, in-lined, water-cooled, 4-stroke,direct-injected î	
Bore×stroke	mm	3－73×78		3－88×90		4－88×90	
Displacement	L	0.979		1.642		2.19	
Compression ratio		22.5：1		18.2：1		18.2：1	
Rated power	KW/(r/min)	13.3/3000		19.6/2400		26.2/2400	
Water-cooled water capacity	Generator L	0.925		1.87		2.29	
	Radiator tank L	3.1		3.25		3.7	
Lubrication system		Pressure splashed		Pressure splashed		Pressure splashed	
Lube oil brand		Above CD SAE 10W-30、15W-40		Above CD SAE 10W-30、15W-40		Above CD SAE 10W-30、15W-40	
Lube capacity	L	4.5		6.9		8.5	
Starter system		12V Electric system		12V Electric system		12V Electric system	
Starting motor capacity	V-KW	12V 1.5KW		12V 1.4KW		12V 1.4KW	
Charging generator capacity	V-A	14V 20A		14V 20A		14V 20A	
Battery capacity	V-Ah	12V－45Ah		12V－65Ah		12V－65Ah	
Fuel type		Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）					
Genset							
Nosie level(7m)	dB(A)	66		68		68	
Structure type		Silent		Silent		Silent	
Overall dimension	mm	1250×650×800		1500×780×1000		1600×780×1050	
Net weight	kg	285		500		635	

PORTABLE
GENERAL GEN SERIES

Kipor always develops products from the customer' s point of view. To facilitate operation, Kipor equips its generator with a user-friendly control panel as well as provisions for a Kipor automatic transfer switch. The new series of generator sets feature the following benefits:

The new generation digital control panel has been designed. The panel can be applied to dual voltage, single phase and three phase generator sets.

When utility power fails, a Kipor automatic transfer switch senses the loss of power and immediately starts the generator. Once utility power is restored, the transfer switch shifts your electric load back to utility power and shuts down the generator.

The automatic transfer switch exercises the generator weekly to ensure it is always in working order.

The automatic transfer switch can be mounted inside the generator or attached as an optional accessory.

Most generators in this series are equipped with brushless alternators which establish stable voltage in a minimum amount of time. The generator set maintains smooth and quality output.

Stylish and user friendly industry design.

1

Features

CE certification

Strong power
All generator sets are equipped with KIPOR four stroke diesel engines.

Low running noise
High efficiency combustion system ensures complete combustion. A large silencer dampens exhaust noise and engine sounds are contained by a double wall structure and liner absorber.

Digital Control Panel
All control functions of the generator are on a central panel. A digital display indicates the real time performance data of the generator such as voltage, frequency, oil pressure, and battery condition. The panel also displays any fault that shuts down the genset.

2

Benefits

Low oil alarm system
Before the oil level drops to a dangerous level, the generator will stop automatically. It can only be restarted after the proper oil level is restored.

Application of new AVR
The automatic voltage regulator (AVR) not only can smooth the output but also provide protection against overloads, avoiding expensive damage.

Advanced alternator winding
Waveform distortion is kept at a minimum level with a stable output. The winding design protects the generator from short circuits and provides a stable output while running inductive loads.

3

ATS (Automatic Transfer Switch)

The new series of Kipor general purpose generator sets equipped with digital control panels can be equipped with an ATS. The ATS can automatically check and monitor genset running performance to ensure it is in good working condition. The ATS will also monitor utility power. In the event of a power failure or if utility power voltage and frequency is abnormal, the ATS will command the generator set to start automatically.

Once utility power is restored, the ATS shift the load back to utility power and shuts down the generator.

We wish to develop technologies to prove achieve that dream klpor is always on the move

KDE GENERAL

- Versatile Power
- Continuous operation without refueling
- Convenient portability
- Stable, clean power
- Safe Shutdown
- Recoil Starter / Electric Starter
- Easy Maintenance, Long Lasting

Kipor develops its products from the point of view of the customer. They build in ease of operation and reliability into each generator they produce.

KDE diesel models

	KDE2200X	KDE2200E	KDE3500X	KDE3500E
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Rated output (kVA)	1.7/20	1.7/2.0	2.8/3.3	2.8/3.3
Max. output (kVA)	2.0/2.2	2.0/2.0	3.2/3.8	3.2/3.8
Dimensions(mm)	640x480x530	640x480x530	655x480x530	655x480x530
Noise level(7m) dB(A)	77	77	77	77
Net weight (kg)	53	60	65	70

Product Features

Quieter and more powerful
A high efficiency combustion system ensures complete combustion. A large silencer dampens exhaust noise and engine sounds are contained in a double-walled structure and absorbed by a special liner. Strong power with an easy start air cooled engine

Delivering the power you need
Powerful, flexible, versatile, reliable, durable; KIPOR Generators have it covered on every level.

CE certification

Easily portable
An open frame configuration means it's easy to handle and store when not in use.

Wide application
Various models are available to meet all customer requirements.

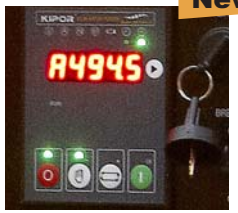
When the need arises for supplemental power, nothing takes the place of depend-ability. That's why the KIPOR general series as the support of working professionals everywhere.

This diesel powered generator line is designed to accommodate the most common applications All offer great durability, low vibration, quiet operation and recoil or electric starting.

An open frame configuration means it's easy to handle and store when not in use.

KDE GENERAL

Big power in an economical conventional diesel generator. Heavy, rugged construction lets you meet your electric needs even in a rough environment. In addition to a standard recoil starter, the KDE E- series also includes a convenient electric starter.



Product Features

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Strong power with an easy start air cooled engine

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Powerful, flexible, versatile, reliable, durable; KIPOR Generators have it covered on every level.

CE certification

Control panel
All operating functions of the generator sets are on the panel. A digital readout displays operating parameters in real time such as output voltage and amperage. Circuit breakers protect the generator from overloads.

Easily portable
An open frame configuration means it's easy to handle and store when not in use.

Wide application
Various models are available to meet all customer requirements.

Versatile Power
Continuous operation without refueling
Convenient portability
Stable, clean power
Safe Shutdown
Recoil Starter / Electric Starter
Easy Maintenance, Long Lasting

When the need arises for supplemental power, nothing takes the place of dependability. That's why the KIPOR general series as the support of working professionals everywhere.

This diesel powered generator line is designed to accommodate the most common applications. All offer great durability, low vibration, quiet operation and recoil or electric starting.

An open frame configuration means it's easy to handle and store when not in use.

KDE diesel models

	KDE6500X	KDE6500E	KDE8000EA
Rated frequency (Hz)	50/60	50/60	50/60
Rated output (kVA)	4.5/5.0	4.5/5.0	5.5/6.5
Max. output (kVA)	5.0/5.5	5.0/5.5	6/7.15
Dimensions(mm)	720x492x655	720x492x655	920x560x645
Noise level(7m) dB(A)	77	77	82
Net weight (kg)	95	100	155

	KDE12EA	KDE12000EA
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	8.5/9	8.5/9.5
Max. output (kVA)	9.5/10	9.5/10.5
Dimensions(mm)	1030x600x650	930x620x695
Noise level(7m) dB(A)	85	82
Net weight (kg)	200	185

Product Features

Quieter and more powerful
A high efficiency combustion system ensures complete combustion. A large silencer dampens exhaust noise and engine sounds are contained in a double-walled structure and absorbed by a special liner. Strong power with an easy start air cooled engine.

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CE certification

Control panel
All operating functions of the generator sets are on the panel. A digital readout displays operating parameters in real time such as output voltage and amperage. Circuit breakers protect the generator from overloads.

Easily portable
An open frame configuration means it's easy to handle and store when not in use.

Wide application
Various models are available to meet all customer requirements.

Kipor's general series generators are essential equipment for reliable power from the harshest building sites to emergency situations around the world.

KDE GENERAL

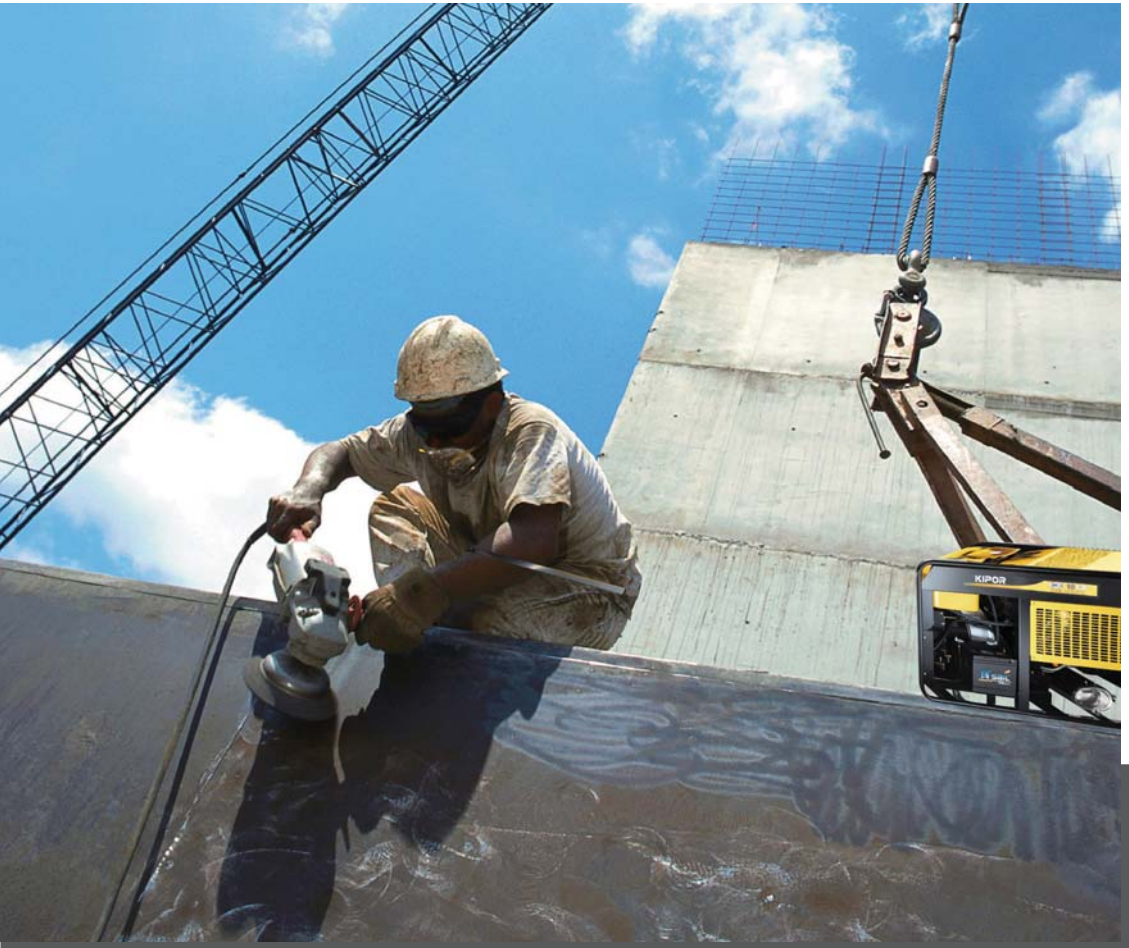
- Versatile Power
- Continuous operation without refueling
- Convenient portability
- Stable, clean power
- Safe Shutdown
- Recoil Starter / Electric Starter
- Easy Maintenance, Long Lasting

When the need arises for supplemental power, nothing takes the place of dependability. That's why the KIPOR KDE series has the support of working professionals everywhere. This diesel powered generator line is produced in three versions to accommodate the most common applications. All offer great durability, low vibration levels, quiet operation, and recoil or convenient electric starting.

KDE diesel models

	KDE6500E3	KDE6500X3	KDE8000EA3
Rated frequency (Hz)	50/60	50/60	50/60
Rated output (kVA)	5.5/6.3	5.5/6.3	6.5/7.5
Max. output (kVA)	6/7	6/7	7.2/8.25
Dimensions(mm)	720x492x655	720x492x655	920x560x645
Noise level(7m) dB(A)	79	79	82
Net weight (kg)	100	95	155

	KDE12EA3	KDE12000EA3
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	10/11.5	10/11.5
Max. output (kVA)	9.11/12.65	11/12.65
Dimensions(mm)	1030x600x650	930x620x695
Noise level(7m) dB(A)	72	82
Net weight (kg)	310	185



KDE GENERAL

- Versatile Power
- Continuous operation without refueling
- Convenient portability
- Stable, clean power
- Safe Shutdown
- Recoil Starter / Electric Starter
- Easy Maintenance, Long Lasting

You need power to be clean, reliable, and efficient. You need plenty of capacity, advanced technology and exacting control.

You need the KIPOR general KDE series.

Kipor's general series generators are essential equipment for reliable power from the harshest building sites to emergency situations around the world.

	KDE16EA	KDE19EA	KDE16EA3	KDE19EA3
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Rated output (kVA)	12/14	14.4/17	13.5/15.5	16.25/19
Max. output (kVA)	13/15	16.7/18.7	15/17	18.75/21
Dimensions(mm)	1210x650x765	1210x650x765	1210x650x765	1210x650x765
Noise level(7m) dB(A)	90	90	90	90
Net weight (kg)	300	320	300	320

Product Features

Quieter and more powerful
A high efficiency combustion system ensures complete combustion. A large silencer dampens exhaust noise and engine sounds are contained in a double-walled structure and absorbed by a special liner. Strong power with an easy start air cooled engine.

Delivering the power you need
Powerful, flexible, versatile, reliable, durable; KIPOR Generators have it covered on every level.

CE certification

Control panel
All operating functions of the generator sets are on the panel. A digital readout displays operating parameters in real time such as output voltage and amperage. Circuit breakers protect the generator from overloads.

Easily portable
An open frame configuration means it's easy to handle and store when not in use.

Wide application
Various models are available to meet all customer requirements.

Easy to maneuver with a wheel kit further improving transportability

Copper wound alternator for durability and voltage stability.

12V DC output charges batteries and allows use of low voltage lighting.

Grounding point on all units.

Automatic shutdown if the oil supply falls below a safe minimum level. A "NO START" feature will not allow a restart until the oil is replenished.

Multiple receptacles and voltage configurations are available to fit all market requirements.

Circuit breakers protect against overload of the unit.

KDE GENERAL

- Versatile Power
- Continuous operation without refueling
- Convenient portability
- Stable, clean power
- Safe Shutdown
- Recoil Starter / Electric Starter
- Easy Maintenance, Long Lasting

Sure, the KIPOR KDE series will power heavy duty equipment but do you need lower noise as well? KDE-T models come with an enclosure to keep the noise down. A convenient electric starter gets the KDE series generators up and running quickly.

Kipor's general series generators are essential equipment for reliable power from the harshest building sites to emergency situations around the world.

KDE diesel models





	KDE3500T	KDE6500T	KDE6700T	KDE6700TA	KDE7500TA
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Rated output (kVA)	2.8/3.3	4.5/5.5	4.5/5.0	4.5/5.0	5.5/6
Max. output (kVA)	3.2/3.8	5.0/5.5	5.0/5.5	5.0/5.5	6/6.5
Dimensions(mm)	835x530x740	910x530x740	930x530x740	930x530x740	910x530x740
Noise level(7m) dB(A)	72	72	72	72	73
Net weight (kg)	140	158	170	170	158

Product Features

Quieter and more powerful
A high efficiency combustion system ensures complete combustion. A large silencer dampens exhaust noise and engine sounds are contained in a double-walled structure and absorbed by a special liner. Strong power with an easy start air cooled engine.

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CE certification

Control panel
All operating functions of the generator sets are on the panel. A digital readout displays operating parameters in real time such as output voltage and amperage. Circuit breakers protect the generator from overloads.

Easily portable
An open frame configuration means it's easy to handle and store when not in use.

Wide application
Various models are available to meet all customer requirements.

Easy to carry with wheel kit further improving transportability.

Copper wound alternator for durability and voltage stability.

12V output allows battery charging and use of low voltage lighting.

Earthing point on all units.

Auto shutdown if oil level falls below minimum, "NO START" feature will not allow use if level is below minimum.

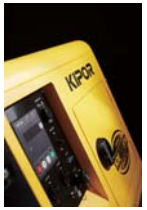
Multiple socket types to suit market and application requirements.

Circuit breaker protects against overload of the unit.

KDE GENERAL

- Compact, Powerful and Long-Lasting
- Convenient Use and Maintenance
- All the Safety of KIPOR Products
- Silent/super silent, low noise

With the purpose of expanding the generator group, KIPOR has brought out a new series of general generator sets on the basis of previous technical achievements. Compared with traditional models, diesel general gensets have been greatly improved by technical breakthrough and innovation, which are featured by impressive noise reduction, easy transportation, higher power, easy maintenance, and so on.



Kipor's general generators are essential equipment for reliable power,from the toughest building sites to emergency situation around the world.

KDE diesel models

New

New

	KDE7000STA	KDE7500STA
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	4.5/5	5.2/5.6
Max. output (kVA)	5/5.5	5.7/6.2
Dimensions(mm)	870x645x710	870x645x710
Noise level(7m) dB(A)	65	65
Net weight (kg)	170	195

Product Features

Stronger
KIPOR's newly-developed single engine can be introduced with excellent low speed torque to the structure of gensets, not adding the overall dimension of the gensets; the application of KT5 and KT6 alternators enhances the generating efficiency.

Remarkable Noise Reduction
Thanks to persistent research and development of KIPOR's technical departments gensets' noise level at no load is decreased to only 65dB(A)/m, which has already been impressive progress for noise reduction.

More Convenient Maintenance
AVR, air filter and fuel filter are all designed with individual access panels, so that component replacement can be done without dismounting the genset cabinet.

Digital controller
KP310V1.0 digital controller can make RS232 serial communication with the master machine, realizing starting and stopping gensets and displaying real-time running data through the master machine.

Great optimization has been made in both engines and alternators of diesel general gensets, resulting in a large-scale power increase of the gensets.

KIPOR eliminates the application of general fixed castors, but utilizes universal ones in the new diesel gensets which are possible to revolve all around 360 degrees, which smooths the movement of the new gensets.

KDE GENERAL

- Compact, Powerful and Long-Lasting
- Convenient Use and Maintenance
- All the Safety of KIPOR Products
- Silent/super silent, low noise

KIPOR generators giving superior performance and maximum reliability. It gives great performance in a compact package.

Kipor's general series generators are essential equipment for reliable power from the harshest building sites to emergency situations around the world.

Extreme weather, construction, and many other unforeseen complications can interrupt the electrical service upon which you and your family depend to continue your daily activities.

With a Kipor standby power system, life goes on even when the power goes out. When electricity is lost- day or night- you can be assured that you home will have all the comfort and convenience you are used to.

KDE diesel models

	KDE12STA	KDE12000T
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	8.5/9.5	8.5/9.5
Max. output (kVA)	9.5/10.5	9.5/10.5
Dimensions(mm)	1350x650x760	1125x625x830
Noise level(7m) dB(A)	72	72
Net weight (kg)	310	250

Product Features

Cleaner, safer and quieter
All Kipor generators meet or exceed relevant standards for noise and emissions regulations

Robust and durable
Compact, robust and resilient structures ensure long unit life and quiet operation. Thicker paint treatments resist the wear and tear caused by extreme environmental conditions

Designed to be easily transported
A compact design makes it easy to fit into tight confines and still provide optimum performance

Easy to use
The control panel is simple and easy to operate
Built in monitoring of the unit's performance provides a high level of information on the generator's status

Designed for simple service-ability
Large service doors provide easy access to preventive maintenance and service checks

KDE GENERAL

- Compact, Powerful and Long-Lasting
- Convenient Use and Maintenance
- All the Safety of KIPOR Products
- Silent/super silent, low noise

Sure, the Kipor KDE series will power heavy duty equipment but do you need lower noise as well? KDE-T models come with an enclosure to keep the noise down. A convenient electric starter gets the KDE series generators up and running quickly.

Easy to maneuver with a wheel kit further improving transportability .

Copper wound alternator for durability and voltage stability.

12V DC output allows battery charging and the use of low voltage lighting.

Grounding point on all units.

Automatic shutdown if the oil supply falls below a safe minimum level. A "NO START" feature will not allow a restart until the oil is replenished.

Multiple receptacles and voltage configurations are available to fit all market requirements.

Circuit breakers protect against overload of the unit.

KDE diesel models




	KDE6500T3	KDE6700T3	KDE6700TA3	KDE7500TA3
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Rated output (kVA)	5.5/6.3	5.5/6.3	5.5/6.3	6.9/7.5
Max. output (kVA)	6/7	6/7	6/7	7.5/8.1
Dimensions(mm)	912x532x740	930x535x742	930x535x742	910x530x740
Noise level(7m) dB(A)	72	72	72	73
Net weight (kg)	165	177	177	158


	KDE12STA3	KDE12000T3
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	10/11.5	10/11.5
Max. output (kVA)	9.11/12.65	11/12.65
Dimensions(mm)	1350x650x760	1125x625x830
Noise level(7m) dB(A)	72	72
Net weight (kg)	310	250

Product Features

Quieter and more powerful
A high efficiency combustion system ensures complete combustion. A large silencer dampens exhaust noise and engine sounds are contained in a double-walled structure and absorbed by a special liner. Strong power with an easy start air cooled engine.

Delivering the power you need
Powerful, flexible, versatile, reliable, durable; KIPOR Generators have it covered on every level.

CE certification

Digital Control panel
All operating functions of the generator sets are on the panel. A digital readout displays operating parameters in real time such as output voltage and amperage. Circuit breakers protect the generator from overloads.

Easily portable
An open frame configuration means it's easy to handle and store when not in use.

Wide application
Various models are available to meet all customer requirements.

KDE GENERAL

- Compact, Powerful and Long-Lasting
- Convenient Use and Maintenance
- All the Safety of KIPOR Products
- Silent/super silent, low noise

Your home and business needs power. Kipor generator sets are of professional quality and are designed for residential and office use. KIPOR generator sets are compact, sound insulated and reliable to provide clean and quiet backup power in case of a power outage. Your life continues as normal with complete peace of mind.

Kipor's general generator series is essential equipment for reliable power from the toughest construction sites to emergency power situations around the world.

KDE diesel models

	KDE16STA	KDE19STA
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	12/14	14.4/17
Max. output (kVA)	13/15	16.7/18.7
Dimensions(mm)	1550x720x810	1550x720x810
Noise level(7m) dB(A)	72	72
Net weight (kg)	420	442

Product Features

Cleaner, safer and quieter
All Kipor generators meet or exceed relevant standards for noise and emissions regulations

Robust and durable
Compact, robust and resilient structures ensure long unit life and quiet operation. Thicker paint treatments resist the wear and tear caused by extreme environmental conditions

Designed to be easily transported
A compact design makes it easy to fit into tight confines and still provide optimum performance

Easy to use
The control panel is simple and easy to operate
Built in monitoring of the unit's performance provides a high level of information on the generator's status

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Large service doors provide easy access to preventive maintenance and service checks

Extreme weather, construction, and other unforeseen complications can interrupt the electrical service upon which you and your family depend on for daily activities.

With a Kipor standby power system, life goes on when the power goes out. When electricity is lost, you can be assured that your home will have all the comfort and convenience to which you are accustomed.

KDE GENERAL

- Compact, Powerful and Long-Lasting
- Convenient Use and Maintenance
- All the Safety of KIPOR Products
- Silent/super silent, low noise

KIPOR not only makes reliable generator but we also understand how power affects your life. We know how unsettling it is to be without power. We understand how having the right power at the right time makes your home and attitude so much brighter. That's why we design and develop unique differences into our backup power systems that you'll appreciate when you need them the most.

Kipor's general generators are essential equipment for reliable power,from the toughest building sites to emergency situation around the world.

KDE diesel models

	KDE16STA3	KDE19STA3	KDE40ST3
Rated frequency (Hz)	50/60	50/60	50
Rated output (kVA)	13.5/15.5	16.25/19	38
Max. output (kVA)	15/17	18.75/21	40
Dimensions(mm)	1550x720x810	1550x720x810	1900x950x1200
Noise level(7m) dB(A)	72	72	65
Net weight (kg)	420	442	985

Product Features

Cleaner, safer and quieter
All Kipor generators meet or exceed relevant standards for noise and emissions regulations

Robust and durable
Compact, robust and resilient structures ensure long unit life and quiet operation. Thicker paint treatments resist the wear and tear caused by extreme environmental conditions

Designed to be easily transported
A compact design makes it easy to fit into tight confines and still provide optimum performance

Easy to use
The control panel is simple and easy to operate
Built in monitoring of the unit's performance provides a high level of information on the generator's status

Designed for simple service-ability
Large service doors provide easy access to preventive maintenance and service checks

Extreme weather, construction, and other unforeseen complications can interrupt the electrical service upon which you and your family depend on for daily activities.

With a Kipor standby power system, life goes on when the power goes out. When electricity is lost, you can be assured that your home will have all the comfort and convenience to which you are accustomed.

KGE GENERAL

- Versatile Power
- Long Running Times
- Easy to move around
- Among the quietest in class
- Safety Shutdowns
- Recoil and Electric Starters
- Easy Maintenance, Long Lasting

KIPOR KGE Series generators are some of the finest everyday working machines in the world. If you need a high value, rugged workhorse generator on the job, on the farm, or around the home site, Kipor has a KGE Series model perfect for your application.

Built to be economically used on the job site every day, the Kipor general gasoline series features an automatic voltage regulator (AVR) that delivers non-fluctuating power. It is of convention style construction with a strong durable frame. The electronic ignition makes for reliable starting in all conditions

Product Features

Quieter and more powerful
A high efficiency combustion system ensures complete combustion. A large muffler dampens exhaust noise and engine sounds are contained in a double-walled structure and absorbed by a special liner.
Strong power with an easy start air cooled engine

Delivering the power you need Powerful, flexible, versatile, reliable, durable; KIPOR Generators have it covered on every level.

CE certification

Control panel
The generator is operated efficiently from a control panel designed with the user in mind. Circuit breakers protect the generator from overloads.

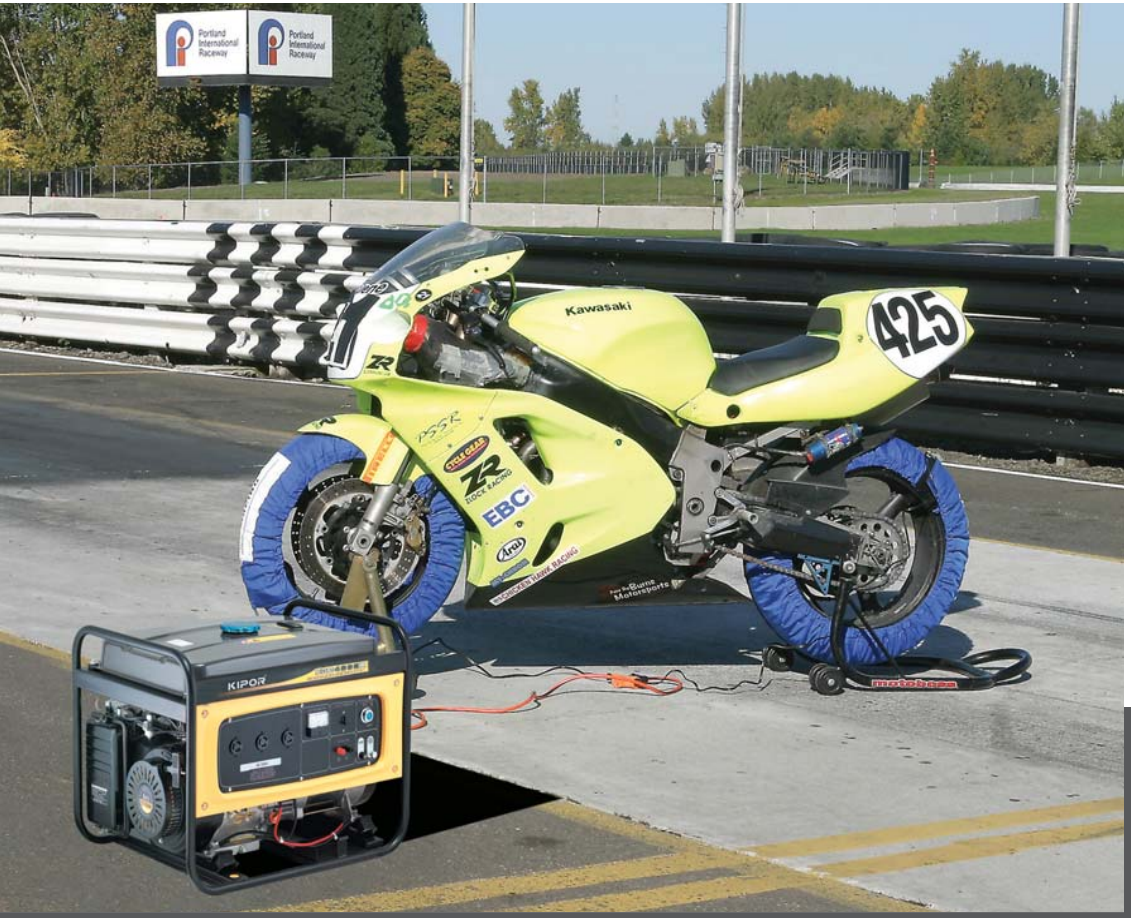
Easily portable
An open frame configuration means it's easy to handle and store when not in use.

Wide application
Available in a wide range of outputs to meet your specific requirements.

KGE gasoline models

	KGE2500X	KGE4000X
Rated frequency (Hz)	50/60	50/60
Rated output (kVA)	2/2.2	3.0/3.5
Max. output (kVA)	2.2/2.4	3.3/4.0
Dimensions(mm)	590x430x430	675x520x540
Noise level(7m) dB(A)	66	69
Net weight (kg)	46	71

	KGE6500X	KGE6500E	KGE12E	KGE12EA
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Rated output (kVA)	5.0/5.5	5.0/5.5	8.5/9.5	8.5/9.5
Max. output (kVA)	5.5/6.5	5.5/6.5	9.5/10.5	9.5/10.5
Dimensions(mm)	675x520x540	675x520x540	910x600x620	910x600x620
Noise level(7m) dB(A)	74	74	77	77
Net weight (kg)	83	90	161	168



KGE GENERAL

- Versatile Power
- Long Running Times
- Easy to move around
- Among the quietest in class
- Safety Shutdowns
- Recoil and Electric Starters
- Easy Maintenance, Long Lasting

You need power to be clean,reliable and efficient. You need plenty of capacity, useful technology and exacting control. You need Kipor general KGE series.

Built to be economically used on the job site every day, the Kipor general gasoline series features an automatic voltage regulator (AVR) that delivers non-fluctuating power. It is of convention style construction with a strong durable frame. The electronic ignition makes for reliable starting in all conditions.

A convenient electric starter gets the generator up and running quickly. Loaded with extras, the generator comes with a wrench set, battery, 12V DC charging cable, oil fill bottle, spare spark plug and spark plug wrench.

Kipor's general generators are essential equipment for reliable power from the toughest construction sites to emergency situations around the world.

KGE gasoline models




	KGE6500X3	KGE6500E3	KGE12E3	KGE12EA3
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Rated output (kVA)	5.0/5.5	5.5/5.5	9.5/10.5	9.5/10.5
Max. output (kVA)	5.5/6.5	5.5/6.5	10.5/11.5	10.5/11.5
Dimensions(mm)	675x520x540	675x520x540	910x600x620	910x600x620
Noise level(7m) dB(A)	74	74	77	77
Net weight (kg)	83	90	161	168

Product Features

Quieter and more powerful
A high efficiency combustion system ensures complete combustion. A large muffler dampens exhaust noise and engine sounds are contained in a double-walled structure and absorbed by a special liner.
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Control panel
The generator is operated efficiently from a control panel designed with the user in mind. Circuit breakers protect the generator from overloads.

Easily portable
An open frame configuration means it's easy to handle and store when not in use.

Wide application
Available in a wide range of outputs to meet your specific requirements.

Technical data

Generating set			KDE2200X		KDE2200E	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	1.7	2	1.7	2
		KW	1.7	2	1.7	2
Standby power		kVA	2	2.2	2	2.2
		KW	2	2.2	2	2.2
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	14.8/7.4	16.7/8.3	14.8/7.4	16.7/8.3
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT-2(160motor)		KT-2(160motor)	
Pole No.			2		2	
Phase number			Single phase			
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KM170FG		KM170FG	
Structure type			Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	70×55		70×55	
Displacement		L	0.211		0.211	
Compression ratio			20：1		20：1	
Rated power		KW	2.5	2.8	2.5	2.8
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30 Î 15W-40			
Lube capacity		L	0.75		0.75	
Starter system			Recoil starter		12V Electric system	
Starting motor capacity		V-KW	Without		12V 0.8KW	
Charging generator capacity		V-A	Without		12V 3A	
Battery capacity		V-Ah	Without		12V 36Ah	
Fuel consumption ratio		g/KW.h	280.2	288.3	280.2	288.3
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			Common panel		Common panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		Without		Without	
	DC12V output		Connection pole output		Connection pole output	
Nosie level（7m）		dB(A)	77		77	
Fuel tank capacity		L	13.5		13.5	
Overall dimension		mm	640×480×530		640×480×530	
Net weight		kg	53		60	

Generating set			KDE3500X		KDE3500E	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	2.8	3.3	2.8	3.3
		KW	2.8	3.3	2.8	3.3
Standby power		kVA	3.2	3.8	3.2	3.8
		KW	3.2	3.8	3.2	3.8
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	24.3/12.2	27.5/13.8	24.3/12.2	27.5/13.8
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT-3		KT-3	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KM178FG		KM178FG	
Structure type			single cylinder, in-lined, 4-stroke, air cooled, direct-injected		single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	78×62		78×62	
Displacement		L	0.296		0.296	
Compression ratio			20Ű1		20Ű1	
Rated power		KW	3.68	4	3.68	4
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	1.1		1.1	
Starter system			Recoil starter		12V Electric system	
Starting motor capacity		V-KW	Without		12V 0.8KW	
Charging generator capacity		V-A	Without		12V 3A	
Battery capacity		V-Ah	Without		12V 36Ah	
Fuel consumption ratio		g/KW.h	276.1	285.6	276.1	285.6
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			Common panel		Common panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		Without		Without	
	DC12V output		Connection pole output		Connection pole output	
Nosie level（7m）		dB(A)	77		77	
Fuel tank capacity		L	13.5		13.5	
Overall dimension		mm	655×480×530		655×480×530	
Net weight		kg	65		70	

Technical data

Generating set			KDE6500X		KDE6500E	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	4.5	5	4.5	5
		KW	4.5	5	4.5	5
Standby power		kVA	5	5.5	5	5.5
		KW	5	5.5	5	5.5
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	39.1/19.6	41.7/20.8	39.1/19.6	41.7/20.8
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT5		KT5	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KM186FAG		KM186FAG	
Structure type			Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	86×72		86×72	
Displacement		L	0.418		0.418	
Compression ratio			19：1		19Ű1	
Rated power		KW	5.7	6.3	5.7	6.3
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	1.65		1.65	
Starter system			Recoil starter		12V Electric system	
Starting motor capacity		V-KW	Without		12V 0.8KW	
Charging generator capacity		V-A	Without		12V 3A	
Battery capacity		V-Ah	Without		12V 36Ah	
Fuel consumption ratio		g/KW.h	275.1	281.5	275.1	281.5
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			Common panel		Common panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		Without		Without	
	DC12V output		Connection pole output		Connection pole output	
Nosie level(7mΣ		dB(A)	77		77	
Fuel tank capacity		L	13.5		13.5	
Overall dimension		mm	720×492×655		720×492×655	
Net weight		kg	95		100	

Generating set			KDE8000EA		KDE12EA	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	5.5	6.5	8.5	9
		KW	5.5	6.5	8.5	9
Standby power		kVA	6	7.15	9.5	10
		KW	6	7.15	9.5	10
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	47.8/23.9	54.2/27.1	73.9/37	75/37.5
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT6.5		KT12	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KD2V78FG		KM2V80G	
Structure type			V type double cylinder, 4-stroke, air cooled, direct-injected		V type double cylinder, 4-stroke, turbocharged,water-cooled	
Bore×stroke		mm	78×64		80×79	
Displacement		L	0.61		0.794	
Compression ratio			20：1		23：1	
Rated power		KW	7.2	8	12.5	14.5
Water-cooled water capacity	Engine	L	-		0.45	
	Radiator tank	L	-		3.05	
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	3.5		2.27	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	12V 3A		12V 20A	
Battery capacity		V-Ah	12V 36Ah		12V 45Ah	
Fuel consumption ratio		g/KW.h	280.3	292.5	285	297
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KI simple smart panel		KI smart panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		With		With	
	DC 12V output		DC socket output		-	
Nosie level（7m）		dB(A)	82		85	
Fuel tank capacity		L	25		25	
Air filter intake capacity		m^3/S	-		0.08	
Exhaust temperature		°C	-		≤500	
Silencer exhaust capacity		m^3/S	-		0.24	
Intake air flow		m^3/s	-		0.84	
Overall dimension		mm	920x560x645 / 920x560x790(With caster)		1030X600X650	
Net weight		kg	155		200	

Technical data

Generating set			KDE12000EA		KDE6500E3	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	8.5	9.5	5.5	6.3
		KW	8.5	9.5	4.4	5
Standby power		kVA	9.5	10.5	6	7
		KW	9.5	10.5	4.8	5.6
Rated voltage		V	115/230	120/240	400/230	416/240
Rated current		A	73.9/37	79.2/39.6	7.9	8.7
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT12		KTS5	
Pole No.			2		2	
Phase number			Single phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		0.8(lag)	
Insulation grade			B		B	
Engine						
Engine type			KD2V86FG		KM186FAG	
Structure type			V type double cylinder, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	86×72		86×72	
Displacement		L	0.836		0.418	
Bn l oqdr rinm q`sin			19：1		19Ű1	
Rated power		KW	11	12	5.7	6.3
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	4		1.65	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12 0.8KW	
Charging generator capacity		V-A	12V 3A		12 3A	
Battery capacity		V-Ah	12V 45Ah		12 36Ah	
Fuel consumption ratio		g/KW.h	273.5	285.7	275.1	281.5
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KI simple smart panel		Common panel	
Output	Qdbdos`bid		2-Single phase		1-Single phase, 1-Three phase	
	Bnmmdbsinm onid		With		Without	
	CB01U ntsots		Without		Without	
Nosie level(7m Σ		dB(A)	83		78	
Fuel tank capacity		L	25		13.5	
Overall dimension		mm	930×620×695 / 930x620x835(With caster)		720×492×655	
Net weight		kg	185		100	

Generating set			KDE6500X3		KDE8000EA3	
Rated frequency		Gy	50	60	50	60
Prime power		kVA	5.5	6.3	6.5	7.5
		KW	4.4	5	5.2	6
Standby power		kVA	6	7	7.2	8.25
		KW	4.8	5.6	5.7	6.6
Rated voltage		V	400/230	416/240	400/230	416/240
Rated current		A	7.9	8.7	9.4	10.4
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KTS5		KTS6	
Pole No.			2		2	
Phase number			Three phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.8(lag)		0.8(lag)	
Insulation grade			B		B	
Engine						
Engine type			KM186FAG		KD2V78FG	
Structure type			Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		V type double cylinder, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	86×72		78×64	
Displacement		L	0.418		0.61	
Compression ratio			19Ű1		20：1	
Rated power		KW	5.7	6.3	7.2	8
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	1.65		3.5	
Starter system			Recoil starter		12V Electric system	
Starting motor capacityV		V-KW	12 0.8KW		12V 1.4KW	
Charging generator capacity		V-A	12 3A		12V 3A	
Battery capacity		V-Ah	12 36Ah		12V 36Ah	
Fuel consumption ratio		g/KW.h	275.1	281.5	280.3	292.5
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			Common panel		KI simple smart panel	
Output	Receptacle		1-Single phase, 1-Three phase		2-Single phase	
	Connection pole		Without		With	
	DC12V output		Without		Without	
Nosie level（7m）		dB(A)	78		82	
Fuel tank capacity		L	13.5		25	
Overall dimension		mm	720×492×655		920×560×645 / 920×560×790(With caster)	
Net weight		kg	95		155	

Technical data

Generating set			KDE12EA3		KDE12000EA3	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	10	11.5	10	11.5
		KW	8	9.2	8	9.2
Standby power		kVA	11	12.65	11	12.65
		KW	8.8	10.1	8.8	10.1
Rated voltage		V	400/230	416/240	400/230	416/240
Rated current		A	14.4	16	14.4	16
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KTS12		KTS12	
Pole No.			2		2	
Phase number			Three phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.8(lag)		0.8(lag)	
Insulation grade			B		B	
Engine						
Engine type			KM2V80G		KD2V86FG	
Structure type			V type double cylinder, 4-stroke, turbocharged,water-cooled		V type double cylinder, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	80×79		86×72	
Displacement		L	0.794		0.836	
Compression ratio			23：1		19：1	
Rated power		KW	12.5	14.5	11	12
Water-cooled water capacity	Engine	L	0.45		-	
	Radiator tank	L	3.05		-	
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	2.27		4	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	12V 20A		12V 3A	
Battery capacity		V-Ah	12V 45Ah		12V 45Ah	
Fuel consumption ratio		g/KW.h	285	297	273.5	285.7
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KI smart panel		KI simple smart panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		With		With	
	DC 12V output		-		Without	
Nosie level（7m）		dB(A)	85		83	
Fuel tank capacity		L	25		25	
Air filter intake capacity		m³/S	0.08		-	
Exhaust temperature		℃	≤500		-	
Silencer exhaust capacity		m³/S	0.24		-	
Intake air flow		m³/S	0.84		-	
Overall dimension		mm	1030X600X650		930×620×695 / 930x620x835(With caster)	
Net weight		kg	200		185	

Generating set			KDE16EA		KDE19EA	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	12	14	14.4	17
		KW	10.8	12.6	13	15.3
Standby power		kVA	13	15	16.7	18.7
		KW	11.7	13.5	15	16.8
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	104.4/52.2	116.6/58.3	125/62.6	142/70.8
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT14		KT19	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.9(lag)		0.9(lag)	
Insulation grade			F		F	
Engine						
Engine type			KM376AG		KM376AG	
Structure type			3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged		3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged	
Bore×stroke		mm	76×77		76×77	
Displacement		L	1.048		1.048	
Compression ratio			21.5：1		21.5：1	
Rated power		KW	15.3	17.5	15.3	17.5
Water-cooled water capacity	Engine	L	1		1	
	Radiator tank	L	5		5	
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	4.8		4.8	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	14V 20A		14V 20A	
Battery capacity		V-Ah	12V 65Ah		12V 65Ah	
Fuel consumption ratio		g/KW.h	280	295	280	295
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KI smart panel		KI smart panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		With		With	
	DC 12V output		-		-	
Nosie level（7m）		dB(A)	90		90	
Fuel tank capacity		L	38		38	
Air filter intake capacity		m³/S	0.12		0.12	
Exhaust temperature		℃	≤520		≤520	
Silencer exhaust capacity		m³/S	0.27		0.27	
Intake air flow		m³/S	1.28		1.28	
Overall dimension		mm	1210×650×765		1210×650×765	
Net weight		kg	300		320	

Technical data

Generating set			KDE16EA3		KDE19EA3	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	13.5	15.5	16.25	19
		KW	10.8	12.4	13	15.2
Standby power		kVA	15	17	18.75	21
		KW	12	13.6	15	16.8
Rated voltage		V	400/230	416/240	400/230	416/240
Rated current		A	19.5	21.5	23.5	26.4
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KTS16		KTS19	
Pole No.			2		2	
Phase number			Three phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.8(lag)		0.8(lag)	
Insulation grade			F		F	
Engine						
Engine type			KM376AG		KM376AG	
Structure type			3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged		3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged	
Bore×stroke		mm	76×77		76×77	
Displacement		L	1.048		1.048	
Compression ratio			21.5 : 1		21.5 : 1	
Rated power		KW	15.3	17.5	15.3	17.5
Water-cooled water capacity	Engine	L	1		1	
	Radiator tank	L	5		5	
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	4.8		4.8	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	14V 20A		14V 20A	
Battery capacity		V-Ah	12V 65Ah		12V65Ah	
Fuel consumption ratio		g/KW.h	280	295	280	295
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KI smart panel		KI smart panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		With		With	
	DC 12V output		-		-	
Nosie level（7m）		dB(A)	90		90	
Fuel tank capacity		L	38		38	
Air filter intake capacity		m³/S	0.12		0.12	
Exhaust temperature		℃	≤520		≤520	
Silencer exhaust capacity		m³/S	0.27		0.27	
Intake air flow		m³/S	1.28		1.28	
Overall dimension		mm	1210×650×765		1210×650×765	
Net weight		kg	300		320	

Generating set			KDE3500T		KDE6500T	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	2.8	3.3	4.5	5
		KW	2.8	3.3	4.5	5
Standby power		kVA	3.2	3.8	5	5.5
		KW	3.2	3.8	5	5.5
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	24.3/12.2	27.5/13.8	39.1/19.6	41.7/20.8
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT3(190motor)		KT5	
Pole No.			2		2	
Phase number			Single phase			
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KM178FGET		KM186FAGET	
Structure type			Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	78×62		86×72	
Displacement		L	0.296		0.418	
Compression ratio			20 : 1		19 : 1	
Rated power		KW	3.68	4	5.7	6.3
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30 Î 15W-40			
Lube capacity		L	1.1		1.65	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 0.8KW		12V 0.8KW	
Charging generator capacity		V-A	12V 3A		12V 3A	
Battery capacity		V-Ah	12V 36Ah		12V 36Ah	
Fuel consumption ratio		g/KW.h	276.1	285.6	275.1	281.5
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			Common panel		Common panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		Without		Without	
	DC12V output		Connection pole output		Connection pole output	
Nosie level(7mΣ		dB(A)	70		72	
Fuel tank capacity		L	15		15	
Overall dimension		mm	835×530×740		910×530×740	
Net weigh		kg	140		158	

Technical data

Generating set			KDE6700T		KDE6700TA	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	4.5	5	4.5	5
		KW	4.5	5	4.5	5
Standby power		kVA	5	5.5	5	5.5
		KW	5	5.5	5	5.5
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	39.1/19.6	41.7/20.8	39.1/19.6	41.7/20.8
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT5		KT5	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KM186FAGET		KM186FAGET	
Structure type			Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	86×72		86×72	
Displacement		L	0.418		0.418	
Compression ratio			19Ű1		19Ű1	
Rated power		KW	5.7	6.3	5.7	6.3
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30 Ĩ 15W-40			
Lube capacity		L	1.65		1.65	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 0.8KW		12V 0.8KW	
Charging generator capacity		V-A	12V 3A		12V 3A	
Battery capacity		V-Ah	12V 36Ah		12V 36Ah	
Fuel consumption ratio		g/KW.h	275.1	281.5	275.1	281.5
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			Common panel		KI simple smart panel	
Output	Qdbdos`bid		2-Single phase		2-Single phase	
	Bnmmdbslnm onid		Without		Without	
	CB01U ntsots		Connection pole output		DC socket output	
Nosie level(7mΣ		dB(A)	72		72	
Fuel tank capacity		L	15		15	
Overall dimension		mm	930×530×740		930×530×740	
Net weigh		kg	170		170	

KDE7500TA		KDE7000STA		KDE7500STA	
50	60	50	60	50	60
5.5	6	4.5	5	5.2	5.6
5.5	6	4.5	5	5.2	5.6
6	6.5	5	5.5	5.7	6.2
6	6.5	5	5.5	5.7	6.2
115/230	120/240	115/230	120/240	115/230	120/240
47.8/23.9	50/25	39.1/19.6	41.7/20.8	45.2/22.6	46.7/23.3
3000	3600	3000	3600	3000	3600
KT6		KT5		KT6	
2		2		2	
Single phase		Single phase		Single phase	
		Self-excitation and constant voltage(with AVR)			
1.0		1.0		1.0	
B		B		B	
KD188F		KM186FAGET		KD188F	
Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
88×86		86×72		88×86	
0.532		0.418		0.532	
19：1		19：1		19：1	
6.6	7.35	5.7	6.3	6.6	7.35
Pressure splashed		Pressure splashed		Pressure splashed	
		Above CD SAE 10W-30 Ĩ 15W-40			
1.7		1.65		1.7	
12V Electric system		12V Electric system		12V Electric system	
12V 0.8KW		12V 0.8KW		12V 0.8KW	
12V 3A		12V 3A		12V 3A	
12V 36Ah		12V 36Ah		12V 36Ah	
274	279	275.1	281.5	275.1	281.5
		Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
KP310 smart panel		Common panel		KP310 smart panel	
2-Single phase		2-Single phase		2-Single phase	
Without		Without		Without	
Without		DC socket output		DC socket output	
73		72		73	
15		15		15	
910×530×740		870×645×710		870×645×710	
158		170		195	

Technical data

Generating set			KDE12STA		KDE12000T	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	8.5	9	8.5	9.5
		KW	8.5	9	8.5	9.5
Standby power		kVA	9.5	10	9.5	10.5
		KW	9.5	10	9.5	10.5
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	73.9/37	75/37.5	73.9/37	79.2/39.6
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT12		KT12	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KM2V80G		KD2V86FGET	
Structure type			V type double cylinder 4-stroke, water-cooled, turbocharged		V type double cylinder 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	80×79		86×72	
Displacement		L	0.794		0.836	
Compression ratio			23：1		19：1	
Rated power		KW	12.5	14.5	11	12
Water-cooled water capacity	Engine	L	0.45		-	
	Radiator tank	L	3.05		-	
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	2.27		4	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	12V 20A		12V 3A	
Battery capacity		V-Ah	12V 36Ah		12V 45Ah	
Fuel consumption ratio		g/KW.h	285	297	273.5	285.7
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KI smart panel		KI simple smart panel	
Output	Receptacle		2-Single phase		3-Single phase	
	Connection pole		With		With	
	DC 12V output		-		Without	
Nosie level（7m）		dB(A)	72		73	
Fuel tank capacity		L	26		25	
Air filter intake capacity		m^3/S	0.08		-	
Exhaust temperature		°C	≤500		-	
Silencer exhaust capacity		m^3/S	0.24		-	
Intake air flow		m^3/S	0.84		-	
Overall dimension		mm	1350×650×760		1125×625×830	
Net weight		kg	310		250	

Generating set			KDE16STA		KDE19STA	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	12	14	14.4	17
		KW	10.8	12.6	13	15.3
Standby power		kVA	13	15	16.7	18.7
		KW	11.7	13.5	15	16.8
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	104.4/52.2	116.6/58.3	125/62.6	142/70.8
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT14		KT19	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.9(lag)		0.9(lag)	
Insulation grade			F		F	
Engine						
Engine type			KM376AG		KM376AG	
Structure type			3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged		3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged	
Bore×stroke		mm	76×77		76×77	
Displacement		L	1.048		1.048	
Compression ratio			21.5：1		21.5：1	
Rated power		KW	15.3	17.5	15.3	17.5
Water-cooled water capacity	Engine	L	1		1	
	Radiator tank	L	5		5	
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	4.8		4.8	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	14V 20A		14V 20A	
Battery capacity		V-Ah	12V 65Ah		12V 65Ah	
Fuel consumption ratio		g/KW.h	280	295	280	295
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KI smart panel		KI smart panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		With		With	
	DC 12V output		-		-	
Nosie level（7m）		dB(A)	72		72	
Fuel tank capacity		L	38		38	
Air filter intake capacity		m^3/S	0.12		0.12	
Exhaust temperature		°C	≤520		≤520	
Silencer exhaust capacity		m^3/S	0.27		0.27	
Intake air flow		m^3/S	1.36		1.36	
Overall dimension		mm	1550×720×810		1550×720×810	
Net weight		kg	420		442	

Technical data

Generating set			KDE6500T3		KDE6700T3	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	5.5	6.3	5.5	6.3
		KW	4.4	5	4.4	5
Standby power		kVA	6	7	6	7
		KW	4.8	5.6	4.8	5.6
Rated voltage		V	400/230	416/240	400/230	416/240
Rated current		A	7.9	8.7	7.9	8.7
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KTS5		KTS5	
Pole No.			2		2	
Phase number			Three phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.8(lag)		0.8(lag)	
Insulation grade			B		B	
Engine						
Engine type			KM186FAGET		KM186FAGET	
Structure type			Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	86×72		86×72	
Displacement		L	0.418		0.418	
Compression ratio			19 : 1		19 : 1	
Rated power		KW	5.7	6.3	5.7	6.3
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	1.65		1.65	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 0.8KW		12V 0.8KW	
Charging generator capacity		V-A	12V 3A		12V 3A	
Battery capacity		V-Ah	12V 36Ah		12V 36Ah	
Fuel consumption ratio		g/KW.h	275.1	281.5	275.1	281.5
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			Common panel		Common panel	
Output	Qdbdos`bid		1-Single phase,1-Three phase		1-Single phase,1-Three phase	
	Bnmmdbslnm onid		Without		Without	
	CB01U ntsots		Without		Without	
Nosie level(7m Σ		dB(A)	72		72	
Fuel tank capacity		L	15		15	
Overall dimension		mm	912×532×740		930×535×742	
Net weigh		kg	165		177	

KDE6700TA3		KDE7500TA3		KDE7000STA3	
50	60	50	60	50	60
5.5	6.3	6.5	7	5.5	6.3
4.4	5	5.2	5.6	4.4	5
6	7	7.1	7.7	6	7
4.8	5.6	5.7	6.2	4.8	5.6
400/230	416/240	400/230	416/240	400/230	416/240
7.9	8.7	9.4	9.7	7.9	8.7
3000	3600	3000	3600	3000	3600
KTS5		KTS6		KTS5	
2		2		2	
Three phase		Three phase		Three phase	
		Self-excitation and constant voltage(with AVR)			
0.8(lag)		0.8(lag)		0.8(lag)	
B		B		B	
KM186FAGET		KM188F		KM186FAGET	
Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		Single cylinder, in-lined, 4-stroke, air cooled, direct-injected	
86×72		88×86		86×72	
0.418		0.532		0.418	
19Ű1		19 : 1		19 : 1	
5.7	6.3	6.6	7.35	5.7	6.3
Pressure splashed		Pressure splashed		Pressure splashed	
		Above CD SAE 10W-30 Ĩ 15W-40			
1.65		1.65		1.65	
12V Electric system		12V Electric system		12V Electric system	
12V 0.8KW		12V 0.8KW		12V 0.8KW	
12V 3A		12V 3A		12V 3A	
12V 36Ah		12V 36Ah		12V 36Ah	
275.1	281.5	275.1	281.5	275.1	281.5
		Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
KI simple smart panel		KP310 smart panel		Common panel	
1-Single phase,1-Three phase		1-Single phase,1-Three phase		1-Single phase,1-Three phase	
Without		Without		Without	
Without		Without		Without	
72		73		72	
15		15		15	
930×535×742		870×645×740		870×645×710	
177		195		177	

Technical data

Generating set			KDE7500STA3		KDE12000T3	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	6.5	7	10	11.5
		KW	5.2	5.6	8	9.2
Standby power		kVA	7.1	7.7	11	12.65
		KW	5.7	6.2	8.8	10.1
Rated voltage		V	400/230	416/240	400/230	416/240
Rated current		A	9.4	9.7	14.4	16
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KTS6		KTS12	
Pole No.			2		2	
Phase number			Three phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.8(lag)		0.8(lag)	
Insulation grade			B		B	
Engine						
Engine type			KD188F		KD2V86FGET	
Structure type			Single cylinder, in-lined, 4-stroke, air cooled, direct-injected		V type double cylinder 4-stroke, air cooled, direct-injected	
Bore×stroke		mm	88×86		86×72	
Displacement		L	0.532		0.836	
Compression ratio			19：1		19：1	
Rated power		KW	6.6	7.35	11	12
Water-cooled water capacity	Engine	L	-		-	
	Radiator tank	L	-		-	
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	1.65		4	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 0.8KW		12V 1.4KW	
Charging generator capacity		V-A	12V 3A		12V 3A	
Battery capacity		V-Ah	12V 36Ah		12V 45Ah	
Fuel consumption ratio		g/KW.h	275.1	281.5	273.5	285.7
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KP310 smart panel		KI simple smart panel	
Output	Receptacle		1-Single phase,1-Three phase		2-Single phase,1-Three phase	
	Connection pole		Without		With	
	DC 12V output		Without		Without	
Nosie level（7m）		dB(A)	73		73	
Fuel tank capacity		L	15		25	
Air filter intake capacity		m^3/S	-		-	
Exhaust temperature		℃	-		-	
Silencer exhaust capacity		m^3/S	-		-	
Intake air flow		m^3/S	-		-	
Overall dimension		mm	870×645×710		1125×625×830	
Net weight		kg	195		250	

Generating set			KDE12STA3		KDE16STA3	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	10	11.5	13.5	15.5
		KW	8	9.2	10.8	12.6
Standby power		kVA	11	12.65	15	17
		KW	8.8	10.1	12	13.6
Rated voltage		V	400/230	416/240	400/230	416/240
Rated current		A	14.5	16	19.5	21.5
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KTS12		KTS16	
Pole No.			2		2	
Phase number			Three phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.8(lag)		0.8(lag)	
Insulation grade			B		F	
Engine						
Engine type			KM2V80G		KM376AG	
Structure type			V type double cylinder 4-stroke, water-cooled, turbocharged		3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged	
Bore×stroke		mm	80×79		76×77	
Displacement		L	0.794		1.048	
Compression ratio			23：1		21.5：1	
Rated power		KW	12.5	14.5	15.3	17.5
Water-cooled water capacity	Engine	L	0.45		1	
	Radiator tank	L	3.05		5	
Lubrication system			Pressure splashed			
Lube oil brand			Above CD SAE 10W-30、15W-40			
Lube capacity		L	2.27		4.8	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	12V 20A		14V 20A	
Battery capacity		V-Ah	12V 36Ah		12V 65Ah	
Fuel consumption ratio		g/KW.h	285	297	280	295
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）			
Genset						
Panel type			KI smart panel		KI smart panel	
Output	Receptacle		2-Single phase		2-Single phase	
	Connection pole		With		With	
	DC 12V output		-		-	
Nosie level（7m）		dB(A)	72		72	
Fuel tank capacity		L	26		38	
Air filter intake capacity		m^3/S	0.08		0.12	
Exhaust temperature		℃	≤500		≤520	
Silencer exhaust capacity		m^3/S	0.24		0.27	
Intake air flow		m^3/S	0.84		1.36	
Overall dimension		mm	1350×650×760		1550×720×810	
Net weight		kg	310		420	

Technical data

Generating set			KDE19STA3		KDE40ST3
Rated frequency		Hz	50	60	50
Prime power		kVA	16.25	19	38
		KW	13	15.2	30.4
Standby power		kVA	18.75	21	40
		KW	15	16.8	32
Rated voltage		V	400/230	416/240	400/230
Rated current		A	23.5	26.4	54.8
Rated rotation speed		r/min	3000	3600	3000
Generator					
Generator type			KTS19		KFS38-2P
Pole No.			2		2
Phase number			Three phase		-
Excitation mode			Self-excitation and constant voltage(with AVR)		
Power factor		COSΦ	0.8(lag)		0.8(lag)
Insulation grade			F		H
Engine					
Engine type			KM376AG		KM493G
Structure type			3-cylinder, in-lined, water-cooled, 4-stroke, turbocharged		4-cylinder, in-lined, water-cooled, 4-stoke,direct-injected
Bore×stroke		mm	76×77		93×102
Displacement		L	1.048		2.771
Compression ratio			21.5：1		18.2：1
Rated power		KW	15.3	17.5	40
Water-cooled water capacity	Engine	L	1		3.9
	Radiator tank	L	5		8
Lubrication system			Pressure splashed		Pressure splashed
Lube oil brand			Above CD SAE 10W-30、15W-40		
Lube capacity		L	4.8		8.5
Starter system			12V Electric system		12V Electric system
Starting motor capacity		V-KW	12V 1.4KW		12V 2.8KW
Charging generator capacity		V-A	14V 20A		14V 20A
Battery capacity		V-Ah	12V 65Ah		12V 80Ah
Fuel consumption ratio		g/KW.h	280	295	272
Fuel type			Engine fuel consumption: 0＃（summer）-10＃（winter）-35＃（cold）		
Genset					
Panel type			KI smart panel		KI smart pane
Output	Receptacle		2-Single phase		2-Single phase
	Connection pole		With		With
	DC 12V output		-		-
Nosie level（7m）		dB(A)	72		68
Fuel tank capacity		L	38		95
Air filter intake capacity		m^3/S	0.12		0.1
Exhaust temperature		°C	≤520		≤550
Silencer exhaust capacity		m^3/S	0.27		0.14
Intake air flow		m^3/S	1.36		2.27
Overall dimension		mm	1550×720×810		1900×950×1200
Net weight		kg	442		985

Generating set			KGE2500X		KGE4000X	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	2	2.2	3	3.5
		KW	2	2.2	3	3.5
Standby power		kVA	2.2	2.4	3.3	4
		KW	2.2	2.4	3.3	4
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	17.4/8.7	18.3/9.2	26/13	29.2/14.6
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT-2.5(160motor)		KT-3(190motor)	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KG200G(1)X(high cover)		KG280G(1)(high cover)	
Structure type			Single cylinder, 4-stroke,air cooled, cylinder inclined,overhead valve		Single cylinder, 4-stroke,air cooled, cylinder inclined,overhead valve	
Bore×stroke		mm	68×54		78×58	
Displacement		L	0.196		0.277	
Compression ratio			8.5：1		8.5：1	
Rated power		KW	3.6	4	5	5.5
Inigation system			Indu vtive(TCI)		Indu vtive(TCI)	
Lubrication system			Splashed		Splashed	
Lube oil brand			Above SF SAE 10W-30 Î 15W-40			
Lube capacity		L	0.6		1.1	
Starter system			Recoil starter		Recoil starter	
Starting motor capacity		V-KW	-		-	
Charging generator capacity		V-A	-		-	
Battery capacity		V-Ah	-		-	
Fuel consumption ratio		g/KW.h	395		374	
Fuel type			Vehicle lead-free petrol		Vehicle lead-free petrol	
Genset						
Panel type			Common panel		Common panel	
Output	Receptacle		2-Single phase		3-Single phase	
	Connection pole		Without		Without	
	DC12V output		Connection pole output		Connection pole output	
Nosie level(7m Σ		dB(A)	66		69	
Fuel tank capacity		L	13.5		25	
Overall dimension		mm	590×430×430		675×520×540	
Net weigh		kg	46		71	

Technical data

Generating set			KGE6500X		KGE6500E	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	5	5.5	5	5.5
		KW	5	5.5	5	5.5
Standby power		kVA	5.5	6.5	5.5	6.5
		KW	5.5	6.5	5.5	6.5
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	43.5/21.7	45.8/22.9	43.5/21.7	45.8/22.9
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT6		KT6	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KG390GX		KG390GEX	
Structure type			Single cylinder, 4-stroke,air cold, cylinder inclined,overhead valve		Single cylinder, 4-stroke,air cold, cylinder inclined,overhead valve	
Bore×stroke		mm	88×64		88×64	
Displacement		L	0.389		0.389	
Compression ratio			8.5 : 1		8.5 : 1	
Rated power		KW	7	7.7	7	7.7
Inigation system			Indu vtive(TCI)		Indu vtive(TCI)	
Lubrication system			Splashed		Splashed	
Lube oil brand			Above SF SAE 10W-30 Î 15W-40			
Lube capacity		L	1.1		1.1	
Starter system			Recoil starter		12V Electric system / recoil starter	
Starting motor capacity		V-KW	-		12V 0.4KW	
Charging generator capacity		V-A	-		12V 8A	
Battery capacity		V-Ah	-		12V 11Ah	
Fuel consumption ratio		g/KW.h	374		374	
Fuel type			Vehicle lead-free petrol		Vehicle lead-free petrol	
Genset						
Panel type			Common panel		Common panel	
Output	Receptacle		3-Single phase		3-Single phase	
	Connection pole		Without		Without	
	DC12V output		Without		Connection pole output	
Nosie level(7m Σ		dB(A)	74		74	
Fuel tank capacity		L	25		25	
Overall dimension		mm	675×520×540		675×520×540	
Net weigh		kg	83		90	

Generating set			KGE12E		KGE12EA	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	8.5	9.5	8.5	9.5
		KW	8.5	9.5	8.5	9.5
Standby power		kVA	9.5	10.5	9.5	10.5
		KW	9.5	10.5	9.5	10.5
Rated voltage		V	115/230	120/240	115/230	120/240
Rated current		A	73.9/36.9	79.2/39.6	73.9/36.9	79.2/39.6
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KT12		KT12	
Pole No.			2		2	
Phase number			Single phase		Single phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	1.0		1.0	
Insulation grade			B		B	
Engine						
Engine type			KG690G		KG690G	
Structure type			V type double cylinder, 4-stroke, air cooled, overhead camshaft		V type double cylinder, 4-stroke, air cooled, overhead camshaft	
Bore×stroke		mm	78×72		78×72	
Displacement		L	0.688		0.688	
Compression ratio			8.5 : 1		8.5 : 1	
Rated power		KW	12	14	12	14
Inigation system			Indu vtive(TCI)		Indu vtive(TCI)	
Lubrication system			Pressure splashed		Pressure splashed	
Lube oil brand			Above SF SAE 10W-30 Î 15W-40			
Lube capacity		L	1.3		1.3	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	12V 8A		12V 8A	
Battery capacity		V-Ah	12V 36Ah		12V 36Ah	
Fuel consumption ratio		g/KW.h	370		370	
Fuel type			Vehicle lead-free petrol		Vehicle lead-free petrol	
Genset						
Panel type			Common panel		KI simple smart panel	
Output	Receptacle		3-Single phase		2-Single phase	
	Connection pole		With		With	
	DC12V output		Without		Without	
Nosie level(7m Σ		dB(A)	77		77	
Fuel tank capacity		L	25		25	
Overall dimension		mm	910×600×620		910×600×620	
Net weigh		kg	161		168	

Technical data

Generating set			KGE6500X3		KGE6500E3	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	5.6	6.2	5.6	6.2
		KW	4.5	5	4.5	5
Standby power		kVA	6	7	6	7
		KW	4.8	5.6	4.8	5.6
Rated voltage		V	400/230	416/240	400/230	416/240
Rated current		A	8	8.6	8	8.6
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KTS6		KTS6	
Pole No.			2		2	
Phase number			Three phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.8(lag)		0.8(lag)	
Insulation grade			B		B	
Engine						
Engine type			KG390GX		KG390GEX	
Structure type			Single cylinder, 4-stroke,air cooled, cylinder inclined,overhead valve		Single cylinder, 4-stroke,air cooled, cylinder inclined,overhead valve	
Bore×stroke		mm	88×64		88×64	
Displacement		L	0.389		0.389	
Compression ratio			8.5 : 1		8.5 : 1	
Rated power		KW	7	7.7	7	7.7
Inigation system			Indu vtive(TCI)		Indu vtive(TCI)	
Lubrication system			Splashed		Splashed	
Lube oil brand			Above SF SAE 10W-30 Î 15W-40			
Lube capacity		L	1.1		1.1	
Starter system			Recoil starter		12V Electric system or recoil starter	
Starting motor capacity		V-KW	-		12V 0.4KW	
Charging generator capacity		V-A	-		12V 8A	
Battery capacity		V-Ah	-		12V 11Ah	
Fuel consumption ratio		g/KW.h	374		374	
Fuel type			Vehicle lead-free petrol		Vehicle lead-free petrol	
Genset						
Panel type			Common panel		Common panel	
Output	Receptacle		2-Single phase,1-Three phase		2-Single phase,1-Three phase	
	Connection pole		Without		Without	
	DC12V output		Connection pole output		Connection pole output	
Nosie level(7m Σ		dB(A)	74		74	
Fuel tank capacity		L	25		25	
Overall dimension		mm	675×520×540		675×520×540	
Net weigh		kg	83		90	

Generating set			KGE12E3		KGE12EA3	
Rated frequency		Hz	50	60	50	60
Prime power		kVA	9.5	10.5	9.5	10.5
		KW	7.6	8.4	7.6	8.4
Standby power		kVA	10.5	11.5	10.5	11.5
		KW	8.4	9.2	8.4	9.2
Rated voltage		V	400/230	416/240	400/230	416/240
Rated current		A	13.7	14.6	13.7	14.6
Rated rotation speed		r/min	3000	3600	3000	3600
Generator						
Generator type			KTS12		KTS12	
Pole No.			2		2	
Phase number			Three phase		Three phase	
Excitation mode			Self-excitation and constant voltage(with AVR)			
Power factor		COSΦ	0.8(lag)		0.8(lag)	
Insulation grade			B		B	
Engine						
Engine type			KG690G		KG690G	
Structure type			V type double cylinder, 4-stroke, air cooled, overhead camshaft		V type double cylinder, 4-stroke, air cooled, overhead camshaft	
Bore×stroke		mm	78×72		78×72	
Displacement		L	0.688		0.688	
Compression ratio			8.5 : 1		8.5 : 1	
Rated power		KW	12	14	12	14
Inigation system			Indu vtive(TCI)		Indu vtive(TCI)	
Lubrication system			Pressure splashed		Pressure splashed	
Lube oil brand			Above SF SAE 10W-30 Î 15W-40			
Lube capacity		L	1.3		1.3	
Starter system			12V Electric system		12V Electric system	
Starting motor capacity		V-KW	12V 1.4KW		12V 1.4KW	
Charging generator capacity		V-A	12V 8A		12V 8A	
Battery capacity		V-Ah	12V 36Ah		12V 36Ah	
Fuel consumption ratio		g/KW.h	370		370	
Fuel type			Vehicle lead-free petrol		Vehicle lead-free petrol	
Genset						
Panel type			Common panel		KI simple smart panel	
Output	Receptacle		2-Single phase,1-Three phase		2-Single phase	
	Connection pole		With		With	
	DC12V output		Without		Without	
Nosie level(7m Σ		dB(A)	77		77	
Fuel tank capacity		L	25		25	
Overall dimension		mm	910×600×620		910×600×620	
Net weigh		kg	161		168	

PORTABLE
WELDING GEN SERIES

Kipor Portable welding generator series is a dual use unit featuring welding and power generation. Power ranges from 2 to 10 kVA. Welding current ranges from 160 to 450A. This generator set is developed upon Kipor’ s latest technology built upon Kipor’ s 10 year history of manufacturing welder/generators.

The power supply for welding is self-driven. It can be used in a host of applications- railroading, highway construction, port operations, oil fields, chemical plants, building construction, agriculture and many more. Self-excitation and constant voltage enhance the generator performance. The lightweight and compact design facilitates on-site maneuverability and saves storage space.

1

One unit, dual function

KIPOR original technology has been utilized to develop and advanced product with dual functions- welding and power generation.

2

Simultaneous use

Generating and welding can be performed simultaneously. The welding operation won’ t impact the waveform and voltage of the generator.

3

Perfect welding

The unit can achieve a perfect waveform of the welding voltage by utilizing IGBT and PWM technology. The non-fluctuating welding current produces a high quality welding operation.

4

Excellent electricity

A new AVR (automatic voltage regulator) and damper winding further enhances the electricity production with extremely low voltage fluctuation and minimum waveform distortion.

5

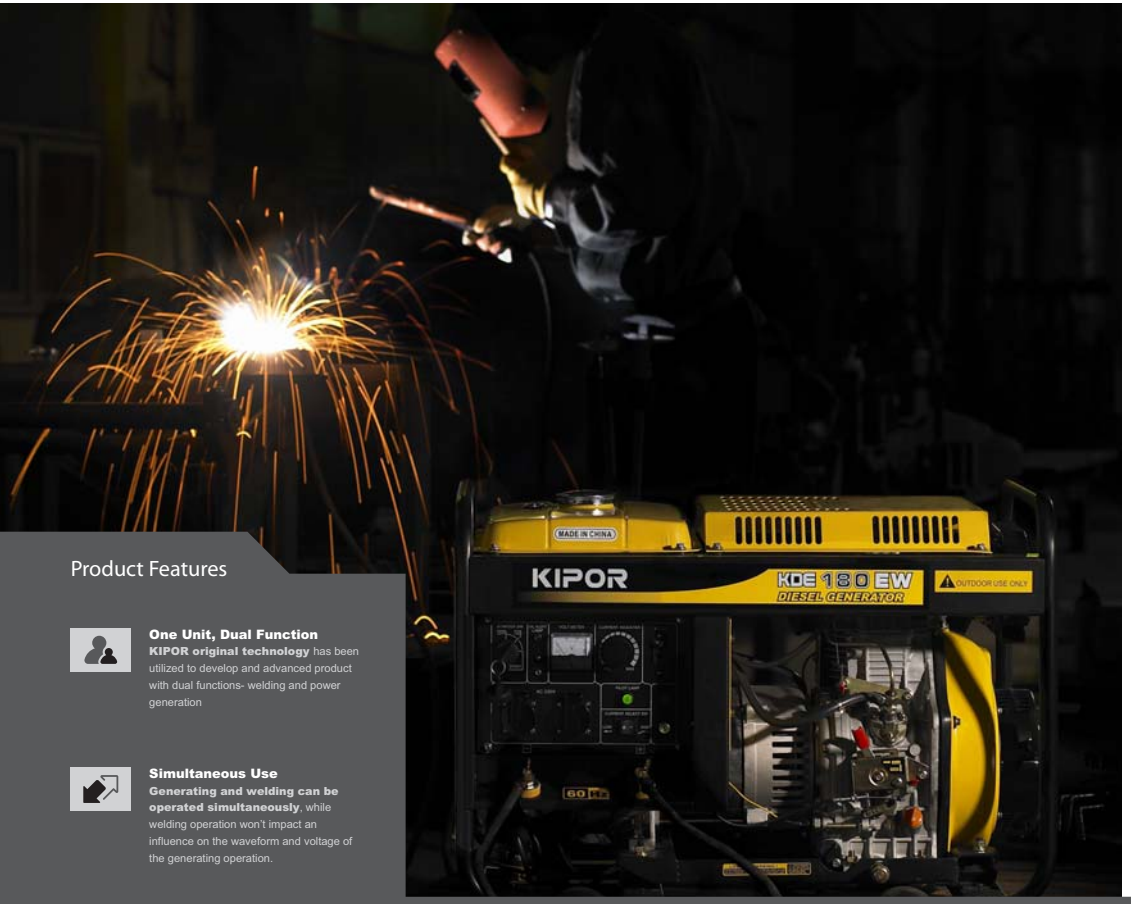
Easy maneuver ability

A lightweight and compact design improves on-site maneuverability and saves storage space. It has four durable casters to facilitate movement.

6

Wide application

The welding arc is super smooth to get perfect quality welds. The welding current regulation is broad to accommodate a variety of welding rods.



KDE DIESEL

- One unit, dual function
- Simultaneous use
- Perfect welding
- Excellent electricity
- Easy maneuverability

Kipor's welding and generating dual use diesel generator sets:
Power supply ranges from 2 to 10 kVA. Welding current ranges from 160 to 450A. This generator set is developed upon Kipor's latest technology built upon Kipor's 10 year history of manufacturing welder/generators.

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Product Features

One Unit, Dual Function
KIPOR original technology has been utilized to develop and advanced product with dual functions- welding and power generation

Simultaneous Use
Generating and welding can be operated simultaneously, while welding operation won't impact an influence on the waveform and voltage of the generating operation.

Perfect Welding
The unit can achieve a perfect waveform of the welding voltage by utilizing IGBT and PWM technology. The non-fluctuating welding current produces a high quality welding operation.

High Quality Power
New A new AVR (automatic voltage regulator) and damper winding further enhances the electricity production with extremely low voltage fluctuation and minimum waveform distortion.

Easy Maneuverability
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The unit can achieve a perfect welding waveform voltage by utilizing IGBT and PWM technology.
A non-fluctuating current produces high quality welding.

KDE diesel models

	KDE5000XW	KDE5000EW
Rated frequency (Hz)	50/60	50/60
Rated generating output(KVA)	2.0 2.2	2.0 2.2
Rated generating voltage(V)	115/230 120/240	115/230 120/240
Rated welding voltage(V)	65-70	65-70
Rated welding current (A)	160	160
Net weight(kg)	105	112
Dimensions(mm)	720x492x655	720x492x655

	KDE180XW	KDE180EW	KDE180TW
Rated frequency (Hz)	50/60	50/60	50/60
Rated generating output(KVA)	2.8 2.8	2.8 2.8	2.8 2.8
Rated generating voltage(V)	115/230 120/240	115/230 120/240	115/230 120/240
Rated welding voltage(V)	65-70	65-70	65-70
Rated welding current (A)	160	160	160
Net weight(kg)	130	147	191
Dimensions(mm)	840x535x650	840x535x650	930x545x740

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KDE Single-phase models

	KDE280EW	KGE280EW
Rated frequency (Hz)	50/60	50/60
Rated generating output(KVA)	5 5	5 5
Rated generating voltage(V)	115/230 120/240	115/230 120/240
Rated welding voltage(V)	70-75	70-75
Rated welding current (A)	250	250
Net weight(kg)	225	190
Dimensions(mm)	1135x605x650	910x600x620

Three-phase models

	KDE300STW3	KDE500STW3
Rated frequency (Hz)	50/60	50/60
Rated generating output(KVA)	5 5	10 10
Rated generating voltage(V)	400/230 416/240	400/230 416/240
Rated welding voltage(V)	70-75	75-78
Rated welding current (A)	280	Single 500 double 2x250
Net weight(kg)	520	850
Dimensions(mm)	1380x685x765	1650x820x980

Technical Data

Type		KDE5000XW		KDE5000EW	
Rated frequency	Hz	50	60	50	60
Rated power	kW	2.0	2.2	2.0	2.2
Rated voltage	V	115/230	120/240	115/230	120/240
Rated current	A	17.4/8.7	18.3/9.2	17.4/8.7	18.3/9.2
Rated rotation speed	r/min	3000	3600	3000	3600
Phase No.		Single-phase three-loop		Single-phase three-loop	
Power factor	cosφ	1.0		1.0	
Welding					
Rated welding voltage	V	65-70		65-70	
Rated welding current	A	160		160	
Welding voltage	V	25-30		25-30	
Welding load continous ratio		60%		60%	
Welding current adjustment range	A	50-180		50-180	
Electrode diameter	mm	1.6-4.0		1.6-4.0	
Excitation mode		Separate excitation+AVR voltage regulator			
Recifying mode		Diode		Diode	
Connection mode		Drive shaft ragid connection		Drive shaft ragid connection	
Insulation grade		B		B	
Pole number		2		2	
Engine					
Engine model		KM186FAGXW		KM186FAGEW	
Engine type		Single-cylinder, four-stroke, air-cooled,directed injection, diesel engine			
Displacement	L	0.418		0.418	
Bore x stroke	mm	1-86x72		1-86x72	
Compression ratio		19:1		19:1	
Rated power	kW	5.7	6.3	5.7	6.3
Lubrication system		Pressure splashed		Pressure splashed	
Lube oil brand		SF SAE10W-30, 15W-40			
Lube capacity	L	1.65		1.65	
Starting system		Recoil starter		Recoil starter or 12v electric starter	
Battery capacity	V-Ah	-		12V-36Ah	
Fuel consumption ratio	g/KW.h	275.1	281.5	275.1	281.5
Fuel type		0#(summer), -10#(winter),-35#(chill cold) diesel			
Generator set					
Fuel tank capacity	L	13.5		13.5	
Continous running time	hr	6		6	
Noise	dB(A)/7m	77		77	
Structure type		Open-frame		Open-frame	
Overall dimensions(LxWxH)	mm	720x492x655		720x492x655	
Dry weight	kg	105		112	

KDE180XW		KDE180EW		KDE180TW	
50	60	50	60	50	60
2.8	2.8	2.8	2.8	2.8	2.8
115/230	120/240	115/230	120/240	115/230	120/240
24.3/12.2	23.3/11.7	24.3/12.2	23.3/11.7	24.3/12.2	23.3/11.7
3000	3600	3000	3600	3000	3600
Single-phase three-loop		Single-phase three-loop		Single-phase three-loop	
1.0		1.0		1.0	
65-70		65-70		65-70	
160		160		160	
25-30		25-30		25-30	
60%		60%		60%	
50-180		50-180		50-180	
1.6-4.0		1.6-4.0		1.6-4.0	
Self-excitation and constant voltage (AVR)		Self-excitation and constant voltage(with AVR)		Self-excitation and constant voltage(with AVR)	
Three-phase bridge+IGBT (PWM)		Three-phase bridge+IGBT(PWM)		Three-phase bridge+IGBT(PWM)	
Drive shaft rigid connection		Drive shaft ragid connection		Drive shaft ragid connection	
B		B		B	
2		2		2	
KM186FAGXW		KM186FAGEW		KM186FAGETW	
Single-cylinder, four-stroke, air-cooled,directed injection, diesel engine					
0.418		0.418		0.418	
1-86x72		1-86x72		1-86x72	
19:1		19:1		19:1	
5.7	6.3	5.7	6.3	5.7	6.3
Pressure splashed		Pressure splashed		Pressure splashed	
SF SAE10W-30, 15W-40		SF SAE10W-30, 15W-40		SF SAE10W-30, 15W-40	
1.65		1.65		1.65	
Recoil starter		Recoil starter or 12v electric starter		12v electric starter	
12V-36Ah		12V-36Ah		12V-36Ah	
275.1	281.5	275.1	281.5	275.1	281.5
				0#(summer), -10#(winter),-35#(chill cold) diesel	
13.5		13.5		15	
6		6		6.5	
78		78		70	
Open-frame		Open-frame		Silent	
840x535x650		840x535x650		930x545x740	
130		147		191	

Technical Data

Type		KGE280EW		KDE280EW	
Rated frequency	Hz	50	60	50	60
Rated power	kW	5	5	5	5
Rated voltage	V	115/230	120/240	115/230	120/240
Rated current	A	43.5/21.7	41.7/20.8	43.5/21.7	41.7/20.8
Rated rotation speed	r/min	3000	3600	3000	3600
Phase No.		Single-phase three-loop		Single-phase three-loop	
Power factor	cosφ	1.0		1.0	
Welding					
Rated welding voltage	V	70-75		70-75	
Rated welding current	A	250		250	
Welding voltage	V	25-30		25-30	
Welding load continous ratio		60%		60%	
Welding current adjustment range	A	50-280		50-280	
Electrode diameter	mm	2.0-6.0		2.0-6.0	
Excitation mode		Self-excitation and constant voltage (AVR)			
Recifying mode		Three-phase bridge+IGBT (PWM)			
Connection mode		Drive shaft,rigid connection		Drive shaft,rigid connection	
Insulation grade		B		B	
Pole number		2		2	
Engine					
Engine model		KG690GW		KM2V80GW	
Engine type		V-twin,four-stroke, air-cooled,OHC, gasoline		V-twin,four-stroke, water-cooled,swirl chamber,diesel	
Displacement	L	0.688		0.794	
Bore x stroke	mm	2-78x72		2-80x79	
Compression ratio		8.5:1		23:1	
Rated power	kW	12	14	12.5	14.5
Lubrication system		Pressure splashed		Pressure splashed	
Lube oil brand		SF SAE10W-30, 15W-40			
Lube capacity	L	1.3		2.27	
Starting system		12v electric starter		12v electric starter	
Battery capacity	V-Ah	12V-36Ah		12V-45Ah	
Fuel consumption ratio	g/KW.h	370	370	285	297
Fuel type		Veicle lead-free petrol		0#(summer), -10#(winer),-35#(chill cold) diesel	
Generator set					
Fuel tank capacity	L	25		25	
Continous running time	hr	5		6.5	
Noise	dB(A)/7m	78		80	
Structure type		Open-frame		Open-frame	
Overall dimensions(LxWxH)	mm	With wheels:910x600x760		With wheels:1130x600x790	
Dry weight	kg	190		225	

KDE300STW3		KDE500STW3	
50	60	50	60
5	5	10	10
400/230	416/240	400/230	416/240
7.2	6.9	14.4	13.9
3000	3600	3000	3600
Single-phase four-line Y-connection			
0.8(lag)		0.8(lag)	
70-75		75-78	
280		Single torch:500 Dual torch:2x250	
25-30		30-38	
50%		60%	
55-300		Single torch:90-500 Dual torch:55-250	
2.0-6.0		2.0-8.0	
Brushless self excitation and constant volage(with AVR)			
Three-phase bridge+IGBT (PWM)			
Single-bearing disc-connection			
F		H	
2		2	
KD373GW		KD488GW	
Three-cylinder, in-lined, four-stroke, water-cooled,swirl chamber, diesel		Three-cylinder, in-lined, four-stroke, water-cooled,direct injection, diesel	
0.979		2.19	
3-73x78		4-88x90	
22.5:1		18.2:1	
13.3	14.7	32.2	35.5
Pressure splashed		Pressure splashed	
SF SAE10W-30, 15W-40			
4.5		8.5	
12V electric starter		12V electric starter	
12V-45Ah		12V-65Ah	
270	276	230	235
0#(summer), -10#(winter),-35#(chill cold) diesel			
30		65	
8		10	
70		70	
Silent		Silent	
1380x680x760		1650x820x980	
520		850	

PORTABLE
LIGHT TOWER

After developing various backup and prime power systems, KIPOR is increasing its power systems offerings and introducing innovative products for industry.

The KIPOR mobile light towers can be utilized in a variety of situations such as construction sites, disaster recovery,
Industry, mining, and event lighting

All KIPOR light towers are equipped with KIPOR high quality digital generators or advanced conventional models. The new mobile light towers feature high wind resistance and a wide area of illumination.

KIPOR' s compact mobile light towers are available with 1000, 4000, and 6000 halide lights, designed for a compact and efficient installation. You can choose the suitable power and light levels to fit your requirements.

Both the telescoping mast and illumination angle of the lights can be easily adjusted giving the operator great flexibility in lighting the area. The tower is designed to be user friendly in terms of both operation and handling.

1

KIPOR IGLA3000

1. 400 or 1000W metal halide lamps
2. Optimally designed lamp bracket, easily transportable
3. Advanced digital generator provides a high quality power supply
4. Digitally controlled inverter technology ensures a stable power output
5. Integrated control panel makes operation easy and convenient
6. Both recoil and electric starting systems
7. Modular lamps

2

KIPOR IGLB3000

1. 400 or 1000W metal halide lamps
2. Optimally designed lamp bracket, easily transportable
3. Advanced digital generator provides a high quality power supply
4. Digitally controlled inverter technology ensures a stable power output
5. Integrated control panel makes operation easy and convenient
6. Both recoil and electric starting systems

3

KIPOR IGLB6000

1. 400 or 1000W metal halide lamps
2. Optimally designed lamp bracket, easily transportable
3. Advanced digital generator provides a high quality power supply
4. Digitally controlled inverter technology ensures a stable power output
5. Integrated control panel makes operation easy and convenient
6. Both recoil and electric starting systems

4

KIPOR KLTD11000T

1. 1000W metal halide lamp applicable for all climates
2. Manual and automatic telescopic link
3. Advanced technology ensures a high quality power supply
4. Folding mast facilitates storage
5. Optimally designed lamp bracket makes transporting easy and safe.

5

KLBH500-1
KLBH500-2

1. Die-cast aluminum bracket
2. Adjustable windshield
3. Protective front shield
4. Adjustable swivel head
5. Built-in ON-OFF switch with two swivel heads
6. Fixed metal tripod with telescopic link
7. Folding bracket facilitates storage
8. 500W 118mm metal halide lamp

IGLB
LIGHT TOWER

- 1000, 4000, or 6000W halide lights
- Optimally designed lamp bracket for easy transport
- Advanced digital generator provides a high quality power supply
- Integrated control panel makes operation easy and convenient

The KIPOR mobile light towers can be utilized in a variety of situations such as construction sites, disaster recovery, industry, mining, and event lighting. All the light towers are equipped with KIPOR high quality digital or conventional generators.

IGLB models

	IGLB3000	IGLA3000	IGLB6000
Floodlight model	**KLB400-4/KLB1000-2**	**KLA1000-1**	**KLB1000-4**
Lamp power (W)-No.of lamp	400-4/1000-2	1000-1	1000-4
Total power of the lamps (W)	1600/2000	1000	4000
Luminuous flux (lm)	144000/220000	110000	440000
Mast	4 stages lifting mast	4 stages lifting mast	4 stages lifting mast
Net weight (kg)	135/140	150	220

Product Features

Wide Lighting Area
Kipor's light tower parallel lamp structure is more efficient than competitive lighting systems and provides up to 50% more light output. The unique top structure of the lamp shade directs up to 10% of previously wasted upward light directly to the work site.

Easy for Transport
The generator powering the light tower can be used a backup power in emergency situations.
There are two receptacles on the light tower mast. You can switch off the lights and then connect another electrical load to get a quality output from the generator. The receptacles can be configured to your voltage requirement of 110, 120., 230, or 240V.

Dual Application
The generator inside the light tower can be used as back-up power for emergency applications.
There are two receptacles on the mast of the light tower. You can switch off the lights and then connect another electrical load to get a quality power output from the generator. The receptacles can be configured to your voltage requirements of 110V,120V, 23OV or 240V.

Advantages of Halide Lamp
The internal structure of the metal halide lamp is unique. The light is produced through the discharge of its internal gasses. There is no filament to break or deteriorate over time and no bulb to throw away.

Safe operation
The mast incorporates a safety feature by not permitting the mast to be raised unless the footbrake is on. If the footbrake is release, the mast will automatically lower to the travel position. The light tower trolley has stabilizers to keep the light tower steady on all surfaces.

The newly launched mobile light towers feature excellent wind resistance and a wide area of illumination.

KIPOR's compact mobile light towers are available with 1000, 4000, and 6000 halide lights, designed for a compact and efficient installation. You can choose the suitable power and light levels to fit your requirements.

Both the telescoping mast and illumination angle of the lights can be easily adjusted giving the operator great flexibility in lighting the area. The tower is designed to be user friendly in terms of both operation and handling.

Technical Data

IGLB
LIGHT TOWER

Generator model		IGLB3000		IGLB3000	
Floodlight model		KLB400-4		KLB1000-2	
Generator set					
Model		IG3000		IG3000	
Rated frequency	Hz	50	60	50	60
Rated power	kVA	2.8		2.8	
Max. power	kVA	3.0		3.0	
Rated voltage	V	230	120/240	230	120/240
Rated current	A	12.2	23.3/11.7	12.2	23.3/11.7
Fuel		Vehicle lead-free petrol			
Fuel consumption	L/h	1.5		1.86	
Fuel tank capacity	L	13		13	
Continuous running time	h	8.6		7	
Dry weight	kg	57		57	
Trolley					
Lamp power (W) -No. of lamp	W	400-4		1000-2	
Total power of the lamps	W	1600		2000	
Luminuous flux	lm	144000		220000	
Mast		4 stages lifting mast		4 stages lifting mast	
Lifting limit of the mast	mm	2000-4840		4900	
Dimension (LxWxH) (after retreating)	mm	1180x790x2300		1180x790x2100	
Inclination		≤10 degrees		≤10 degrees	
Windproof ability		≤6 grade		≤6 grade	
Dry weight	kg	135		140	

IGLA3000		IGLB6000		KLTD1100T	
KLA1000-1		KLA1000-4		KLT1500-4	
IG3000		IG6000		KDE11T	
50	60	50	60	50	60
2.8		5.5		8.5	10.5
3.0		6		9.5	11.5
230	120/240	230	120/240	230	240
12.2	23.3/11.7	23.9	45.8/22.9	-	
Vehicle lead-free petrol		Vehicle lead-free petrol		Diesel	
1.27		3.7		4	
13		22		70	
10.2		6		17.5	
57		96.5		-	
1000-1		1000-4		1500-4	
1000		4000		6000	
110000		440000		660000	
4 stages lifting mast		4 stages lifting mast		3 stages lifting mast	
2300-5190		2100-4900		4800-9000	
1180x790x2300		1180x790x2100		3600x1250x1680	
≤10 degrees		≤10 degrees		≤10 degrees	
≤6 grade		≤6 grade		≤6 grade	
150		220		700	