

KDE6500X3



Features

Strong Power

All generator sets are equipped with KIPOR four-stroke engines.

Low Noise Running

High effective combustion system ensures complete combustion, Besides, a large silencer dampens exhaust noise and engine sounds which are contained by a double-wall structure and absorbed by a liner.

Digital Control Panel

All the control units of the generator sets are on one panel, a monitor of the panel will display the real-time working data of the generator set such as its output voltage and current etc.

Besides, the running trouble of the generator will also be displayed on the panel.

Low Oil Alarm System

Before the oil level drops to the limited level, the generator set will stop automatically. The whole set can be restarted only if the oil is refilled.

Application of New AVR

The AVR (Automatic Voltage Regulator) not only can smooth the output but also can provide reasonable protection against the overload of the whole set, thus avoid damage to the set.

Advanced Alternator Winding

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

ATS (Automatic Transfer Switch)

On the inheriting of the original

general-purpose generator set, KIPOR diesel generator sets with digital control panel can be equipped with a made ATS(automatic transfer switch). ATS, in its preset intervals, can automatically check and monitor the running of the genset to ensure the genset in good working condition. Meanwhile, ATS will monitor the utility power, if utility power fails or the voltage and frequency of the utility power become abnormal, ATS will give commands to start the genset automatically.

Model KDE6500X3 Rated frequency (Hz) 50 60 Rated output (kVA) 5.5 6.3 Max. output (kVA) 6 7 Rated Voltage (V) 230/400 240/416 Rated current (A) 7.9 8.7 Rated rotation speed (r/min) 3000 3600 Phase NO. Three-phase Power factor (Cos Φ) 0.8(lag) Insulation Grade B Pole number 2 Excitation mode Self-excitation & Constant voltage (AVR) Panel Type General Panel Voltage (V) 230/400 240/416 Receptacle One single-phase and one three-phase receptacles Connection pole Without Overall dimension (LxWxH) (mm) 720X492X655 Dry weight(kg) 95 Working assorting weight (Kg) 110 Noise level (7m) dB(A) 79 Structure type Open frame Engine Model KM186FAG Single cylinder, vertical, four-stroke, direct injection Cylinder NO-borexstroke (mm) 1-86×72 Displacement (ml)	KDE6500X3	
Rated output (kVA) 5.5 6.3 Max. output (kVA) 67 Rated Voltage (V) 230/400 240/416 Rated current (A) 7.9 8.7 Rated rotation speed (r/min) 3000 3600 Phase NO. Three-phase Power factor (Cos Ф) 0.8(lag) Insulation Grade B Pole number 2 Excitation mode Self-excitation & constant voltage (AVR) Panel Type General Panel Voltage (V) 230/400 240/416 Receptacle One single-phase and one three-phase receptacles Connection pole Without Without Overall dimension (LxWxH) (mm) 720X492X655 Working assorting weight (Kg) 95 Working assorting weight (Kg) 110 Noise level (7m) dB(A) 79 Structure type Open frame Engine Model KM186FAG Engine Type vertical, four-stroke, direct injection Cylinder NO-borexstroke (mm) 1-86x72 Displacement (ml) 418 Rated power	Model	KDE6500X3
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Structure type Engine Model KM186FAG Single cylinder, vertical, four-stroke, direct injection Cylinder NOborexstroke (mm) Displacement (ml) Rated power 5 7/3000 6 3/3600		110
Engine Model Engine Type Single cylinder, vertical, four-stroke, direct injection Cylinder NOborexstroke (mm) Displacement (ml) Rated power 5 7/3000 6 3/3600	Noise level (7m) dB(A)	79
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Engine Type vertical, four-stroke, direct injection Cylinder NOborexstroke (mm) Displacement (ml) Rated power	Engine Model	KM186FAG
Displacement (ml) Rated power 5 7/3000 6 3/3600	Engine Type	vertical, four-stroke,
Rated power 5 7/3000 6 3/3600		1-86×72
		418
	Displacement (ml)	
Compression ratio 19:01	Rated power	5.7/3000 6.3/3600

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Rated rotation speed (r/min)	3000 3600
Combustion system	_
Cooling system	Air cooled
Lubrication system	Pressure splashed
Starting system	Recoil starter
Fuel type	0# (summer)-
	10# (winter) -
	35# (chillness) diesel
	CD grade or
Lube oil brand	SAE10W-30 , 15W-40
Capacity of cooling water (L)	Without
Lube capacity (L)	1.65
Starting motor capacity (V-kW)	12V 0.8kW
Charging generator capacity (V-A)	12V 3A
Battery capacity (V-Ah)	12V 36Ah
Fuel consumption (g/kW.h)	≤360
Fuel tank capacity (L)	13.5
Continuous running time (hr)	6