



KDE3500T



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.

KDE3500T	
Model	KDE3500T
Rated frequency (Hz)	50 60
Rated output (kVA)	2.8 3.3
Max. output (kVA)	3.2 3.8
Rated Voltage (V)	115/230 120/240
Rated current (A)	24.3/12.2 27.5/13.8
Rated rotation speed (r/min)	3000 3600
Phase NO.	Single phase
Power factor (Cos Φ)	1
Insulation Grade	B
Pole number	2
Excitation mode	Self-excitation & constant voltage (AVR)
Panel Type	General Panel
Voltage (V)	115/230 120/240
Receptacle	Two receptacles
Connection pole	Without
DC12V output	Connection pole output
Overall dimension (LxWxH) (mm)	830X532X740
Dry weight(kg)	140
Working assorting weight (Kg)	154
Noise level (7m) dB(A)	72
Structure type	Silent
Engine Model	KM178FGET
Engine Type	Single cylinder, vertical, four-stroke, direct injection
Cylinder NO.-borexstroke (mm)	1-78x62
Displacement (ml)	296
Rated power [KW/(r/min)]	3.68/3000 4.0/3600
Compression ratio	20:01

Lubrication system	Pressure splashed
Starting system	Recoil starter or electric starter
Fuel type	0 # (summer) - 10 # (winter) - 35 # (chillness) diesel
Lube oil brand	CD grade or SAE10W-30 , 15W-40
Capacity of cooling water (L)	Without
Lube capacity (L)	1.1
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)	≤370
Fuel tank capacity (L)	15
Continuous running time (hr)	9.5