



KGE12E3



Features

Digital Control Panel

The new gasoline genset model is equipped with digital control system and remote control. Some control units of the generator sets are on the multi function display.

Real-time Data Display

A monitor of the panel will display the real-time working data of the generator set such as its output voltage, Frequency, running time, battery voltage 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.

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.

Electrical starter

A convenient electric starter gets the new gasoline generator up and running quickly.

KGE12E3	
Model	KGE12E3
Rated frequency (Hz)	50 60
Rated output (kVA)	9.5 10.5
Max. output (kVA)	10.5 11.5
Rated Voltage (V)	230/400 240/416
Rated current (A)	13.7 14.6
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	Two single-phase receptacles
Connection pole	With
DC12V output	Without
Overall dimension (L×W×H) (mm)	910X600X760 910X600X620(without wheels)
Dry weight(kg)	161
Working assorting weight (Kg)	175 182
Noise level (7m) dB(A)	77
Structure type	Open frame
Engine Model	KG690
Engine Type	Two-cylinder, air-cooled, four-stroke, V-twin, OHC
Cylinder NO.-bore×stroke (mm)	2-78×72
Displacement (ml)	688
Rated power [KW/(r/min)]	12.0/3000 14.0/3600

Compression ratio	8.5:1
Rated rotation speed (r/min)	3000 3600
Combustion system	T.C.I
Cooling system	Air cooled
Lubrication system	Pressure splashed
Starting system	Electric starter
Fuel type	Automatic unleaded gasoline
Lube oil brand	CD grade or SAE10W-30 , 15W-40
Capacity of cooling water (L)	Without
Lube capacity (L)	1.3
Starting motor capacity (V-kW)	12V 1.4kW
Charging generator capacity (V-A)	12V 8A
Battery capacity (V-Ah)	12V 36Ah
Fuel consumption (g/kW.h)	≤370
Fuel tank capacity (L)	25
Continuous running time (hr)	4