



KDE35SS3



Features

More Powerful Performance

KIPOR exclusive technology provides greater motor starting capability for large loads such as central air conditioners while still running other home appliances and electronics.

Automatic, Hands-off Operation

In the event of a utility power outage, automatically the generator automatically starts to restore power to the home, whether you're home or away.

Digital Electronic IsoChronous Governor

Safer Power for Sensitive Electronics

KIPOR residential generators protect all of your valuable appliances and sophisticated electronics with cleaner, safe and stable power

Digital Voltage Regulator

Easier Service and Installation

KIPOR new easy-connection terminal block provides faster, flexible installations.

LED Display Provides Diagnostic Capability

Quieter Operation

Sound enclosure maintains neighborhood solitude whether you are in self-test or full operation mode

Meets Environmental

Protection Agency (EPA) nonstationary unit requirements

Faster Response

While many competitive products can leave you in the dark for 25 seconds or more during an outage, KIPOR generators restore power in as little as 10 seconds.

- Advanced Digital Control

- More sophisticated diagnostic self-test

KDE35SS3	
Model	KDE35SS3
Rated frequency(HZ)	50 60
Rated output(kW)	28 35
Max.output(kVA)	31 38
Rated voltage(V)	230/400 240/416
Rated current(A)	40.4 48.6
Rated speed(r/min)	1500 1800
Generator model	KFS30
Pole No.	4
Loop mode	Three-phase, four-line, Y-connection
Excitation mode	Brushless self- excitation and constant voltage(AVR)
Power factor(cosΦ)	0.8(lag)
Insulation grade	H
Engine model	KM493ZG
Engine type	Four-cylinder, in-lined, four-stroke, direct injection, water-cooled
BoreXstroke(mm)	93X102
Total displacement(L)	2.771
Compression ratio	18.2:1
Rated power(kW)	28.5 36.9
Cooling water capacity(engine)(L)	3.9
Radiator tank(L)	8
Lubricating system	Pressure splashed
Lube oil brand	SAE10W-30,15W- 40(above CD grade)
Lube oil capacity(L)	8.5
Starting system	12V Electric starter
Starting motor capacity(V-kW)	12V 2.8kW
Charging generator capacity(V-A)	12V 50A
Battery capacityXNo.(V-Ah)	12V 80AhX1

Fuel type	0#(summer), - 10#(winter), - 35#(chillness)diesel
Fuel consumption(g/kW.h)	≤300
Panel type	Smart panel
Output voltage(V)	400/230 416/240
Receptacle	Two single-phase receptacles
Connection pole	Available
Noise level(zero load- full load)[dB(A)/7m]	51 53
Structure type	Ultra silent
Fuel tank capacity(L)	95
Continous running time(hr)	9.5 7.5
Overall dimension(LXWXH)(mm)	1900X950X1200
Net weight(kg)	985