



## KDE45SS3



## 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

<b>KDE45SS3</b>	
<b>Model</b>	<b>KDE45SS3</b>
<b>Rated frequency(Hz)</b>	50 60
<b>Rated output(kVA)</b>	37 45
<b>Max.output(kVA)</b>	40 48
<b>Rated voltage(V)</b>	230/400 240/416
<b>Rated current(A)</b>	53.4 62.5
<b>Rated speed(r/min)</b>	1500 1800
<b>Generator model</b>	KFS45
<b>Pole No.</b>	4
<b>Loop mode</b>	Three-phase, four-line, Y-connection
<b>Excitation mode</b>	Brushless self- excitation and constant voltage(AVR)
<b>Power factor(cosΦ)</b>	0.8(lag)
<b>Insulation grade</b>	H
<b>Engine model</b>	KD4105G
<b>Engine type</b>	Four-cylinder, in-lined, four-stroke, direct injection, water-cooled
<b>BoreXstroke(mm)</b>	105X125
<b>Total displacement(L)</b>	4.33
<b>Compression ratio</b>	17.5:1
<b>Rated power(kW)</b>	40.2 47.6
<b>Cooling water capacity(engine)(L)</b>	5.1
<b>Radiator tank(L)</b>	10.4
<b>Lubricating system</b>	Pressure splashed
<b>Lube oil brand</b>	SAE10W-30,15W- 40(above CD grade)
<b>Lube oil capacity(L)</b>	11
<b>Starting system</b>	24V Electric starter
<b>Starting motor capacity(V-kW)</b>	24V 3.7kW
<b>Charging generator capacity(V-A)</b>	28V 35A

<b>Battery capacityXNo.(V-Ah)</b>	12V 80AhX2
<b>Fuel type</b>	0#(summer), - 10#(winter),- 35#(chillness)diesel
<b>Fuel consumption(g/kW.h)</b>	≤300
<b>Panel type</b>	Digital panel
<b>Output voltage(V)</b>	400/230 416/240
<b>Receptacle</b>	Two single-phase receptacles
<b>Connection pole</b>	Available
<b>Noise level(zero load- full load)[dB(A)/7m]</b>	51 53
<b>Structure type</b>	Ultra silent
<b>Fuel tank capacity (L)</b>	95
<b>Continous running time(hr)</b>	7 6
<b>Overall dimension(LXWXH)(mm)</b>	2250X950X1300
<b>Dyr weight(kg)</b>	1270