



## KDE60SS3



## 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>KDE60SS3</b>                      |                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Model</b>                         | <b>KDE60SS3</b>                                                                             |
| Rated frequency(Hz)                  | 50 60                                                                                       |
| Rated output(kVA)                    | 50 60                                                                                       |
| Max.output(kVA)                      | 54 64                                                                                       |
| Rated voltage(V)                     | 230/400 240/416                                                                             |
| Rated current(A)                     | 72.2 83.3                                                                                   |
| Rated speed(r/min)                   | 1500 1800                                                                                   |
| Generator model                      | KFS50                                                                                       |
| Pole No.                             | 4                                                                                           |
| Loop mode                            | Three-phase, four-line,<br>Y-connection                                                     |
| Excitation mode                      | Brushless self-<br>excitation and constant<br>voltage(AVR)                                  |
| Power factor(cosΦ)                   | 0.8(lag)                                                                                    |
| Insulation grade                     | H                                                                                           |
| Engine model                         | KD4105ZG                                                                                    |
| Engine type                          | Four-cylinder, in-lined,<br>four-stroke, direct<br>injection, turbocharged,<br>water-cooled |
| BoreXstroke(mm)                      | 105X125                                                                                     |
| Total displacement(L)                | 4.33                                                                                        |
| Compression ratio                    | 17.5:1                                                                                      |
| Rated power(kW)                      | 49 58                                                                                       |
| Cooling water<br>capacity(engine)(L) | 30                                                                                          |
| Radiator tank(L)                     | 10.4                                                                                        |
| Lubricating system                   | Pressure splashed                                                                           |
| Lube oil brand                       | SAE10W-30,15W-<br>40(above CD grade)                                                        |
| Lube oil capacity(L)                 | 11                                                                                          |
| Starting system                      | 24V Electric starter                                                                        |
| Starting motor<br>capacity(V-kW)     | 24V 3.7kW                                                                                   |
| Charging generator<br>capacity(V-A)  | 28V 35A                                                                                     |

|                                                        |                                                        |
|--------------------------------------------------------|--------------------------------------------------------|
| <b>Battery capacityXNo.(V-Ah)</b>                      | 12V 80AhX2                                             |
| <b>Fuel type</b>                                       | 0#(summer), -<br>10#(winter),-<br>35#(chillness)diesel |
| <b>Fuel consumption(g/kW.h)</b>                        | ≤290                                                   |
| <b>Panel type</b>                                      | Digital panel                                          |
| <b>Output voltage(V)</b>                               | 400/230 416/240                                        |
| <b>Receptacle</b>                                      | Two single-phase<br>receptacles                        |
| <b>Connection pole</b>                                 | Available                                              |
| <b>Noise level(zero load-<br/>full load)[dB(A)/7m]</b> | 51 53                                                  |
| <b>Structure type</b>                                  | Ultra silent                                           |
| <b>Fuel tank capacity (L)</b>                          | 95                                                     |
| <b>Continous running<br/>time(hr)</b>                  | 5.5 4.5                                                |
| <b>Overall<br/>dimension(LXWXH)(mm)</b>                | 2250X950X1300                                          |
| <b>Dry weight(kg)</b>                                  | 1310                                                   |