



The improved AVR (Automatic Voltage Regulator) limits voltage fluctuation to a very low level and ensures smooth and stable output. Additionally, the AVR features built-in overload protection and will automatically shut off the output at 110% of rated load.

KDE 45SS3 SPECIFICATIONS

Model	KDE45SS3
Rated frequency(Hz)	50
Rated output(kVA)	37
Max output(kVA)	40
Rated voltage(V)	230/400
Rated current(A)	53.4 Amps per Phase
Rated speed(r/min)	1500
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	KD4105G
Engine type	Four-cylinder, in-lined, four-stroke, direct injection, water-cooled
BoreXstroke(mm)	105X125
Total displacement(L)	4.33
Compression ratio	17.5:1
Rated power(kW)	40.2 47.6
Cooling water capacity(engine)(L)	5.1
Radiator tank(L)	10.4
Lubricating system	Pressure splashed
Lube oil brand	SAE 10W-30, 15W-40(above CD grade)
Lube oil capacity(L)	11
Starting system	24V Electric starter
Starting motor capacity(V-kW)	24V 3.7kW
Charging generator capacity(V-A)	28V 35A
Battery capacityXNo.(V-Ah)	12V 80AhX2
Fuel type	Diesel
Fuel consumption(g/kW.h)	≤300
Panel type	Digital panel
Output voltage(V)	400/230
Receptacle	Two single-phase receptacles
Connection pole	Available
Noise level(zero load-full load) [dB(A)/7m]	51
Structure type	Ultra silent
Fuel tank capacity (L)	95
Continuous running time(hr)	8Hrs
Overall dimension(LXWXH)(mm)	2250X950X1300
Dry weight(kg)	1270

KDE

ULTRA SILENT

KDE 45SS3

- ▶ Better performance
- ▶ Automatic load transfer
- ▶ Ultra-silent running
- ▶ Integrated control system
- ▶ Safer power for sensitive equipment



Ultra Silent Generator

Product Features



Designed for Simple Serviceability

Fully mounted base tank is standard on all generators in this series.

Generator base will hold 110% of total generator fluids (fuels, lubricants and coolants), ensuring containment of any spillage.

Plastic fuel tank reduces condensation and eliminates corrosion which prevents deterioration of the fuel supply.

Larger fuel tanks are standard equipment eliminating the need for frequent refueling.

Large doors provide easy access for preventive maintenance and servicing.



Cleaner, Safer and Quieter Sound Attenuated Canopy

All KIPOR generators meet or exceed relevant standards for noise and emission legislation.



Robust and Durable

Compact, robust and flexible structures ensure long service life and quiet operation.

Thicker paint treatments stand the wear and tear in extreme environmental conditions.

Sound Attenuated canopies feature a flame-proof, heat-resistant, heavy-duty rock wool sound insulation, providing superb noise level retention.

Doors are pressure locked to ensure a watertight seal.



Designed to be Easily Transported

Compact designs make it easy to fit into the tightest of confines while still providing optimum performance.

Forklift pockets are standard on all units.



Performance and Reliability

Kipor alternators are used in the whole range.

Extensive test and development ensures that the unit will live up to the task. A range of industry recognized engines are used to ensure the best power source for the size of generator is used.