



# KDE

## ULTRA SILENT

### KDE 35SS3

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

Ultra Silent Generator



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 35SS3 SPECIFICATIONS

Model	KDE35SS3
Rated frequency(HZ)	50
Rated output(kW)	28
Max.output(kVA)	31
Rated voltage(V)	230/400
Rated current(A)	40.4 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	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
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	Diesel
Fuel consumption(g/kW.h)	≤300
Panel type	Smart 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
Running time(hr)	11.5 Hrs
Overall dimension(LXWXH)(mm)	1900X950X1200
Net weight(kg)	985

### 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.

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