



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 |

KDE

ULTRA SILENT

KDE 35SS3

- ▶ 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.