

SSDK25M

25.0kVA MULTI-PHASE Super Silent Diesel Generator

GENERATOR SPECIFICATION

| | | |
|----------------------------|-----------------------------|---------------------|
| Voltage | 400/230/115 | |
| Phase | 1/3 (Multi-Phase) | |
| Frequency | 50Hz | |
| Standby Power (ESP) | 400V @ 25.1 kVA / 20.1 kW | |
| Prime Power (PRP) | 400V @ 22.8 kVA / 18.2 kW | |
| Standby Power (ESP) | 230/115V @ 23.1 kVA/18.5kW | |
| Prime Power (PRP) | 230/115V @ 21.0 kVA/16.8 kW | |
| Alternator | 30kVA Meccalte ECP 28-VL4 C | |
| AVR | DSR 3Ø Electronic +/- 1% | |
| Fuel tank capacity | 120 Litres | |
| Autonomy 100% load | 19 Hours | 6.2 Litres per hour |
| Autonomy 75% load | 24 Hours | 5.0 Litres per hour |
| Autonomy 50% load | 39 Hours | 3.1 Litres per hour |
| Autonomy 25% load | 75 Hours | 1.6 Litres per hour |
| LWA | 88 | |
| dBA @ 7M | 63 | |
| dBA @ 4M | 68 | |

ENGINE SPECIFICATION

| | |
|----------------------------|------------------------------------|
| Engine | Kubota V2003-MT-BG |
| Emissions certified | N/A |
| Cylinders | 4 |
| Aspiration | Turbo |
| Cooling | Water cooled |
| Displacement | 1999cc |
| Rpm | 1500 |
| Net Engine power | Standby 22.5 kWm Prime 20.4 kWm |



TOTAL Winding Protection
3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)

| Status | Length | Width | Height | Weight |
|-----------------|--------|-------|--------|--------|
| Skid dry | 1800 | 800 | 1270 | 738 |
| Skid wet | 1800 | 800 | 1270 | 832 |

CONTROL PANEL

- MCB overload protection.
- RCD protection on 400V & 230V.
- 400V : 1 x 400V 32A & 1 x spurred 230V 16A BS4343 sockets.
- 230V : 2 x 230V 32A & 1 x 230V 16A BS4343 sockets.
- 115V : 3 x 115V 32A & 1 x 115V 16A BS4343 sockets
- Hard wire terminals 400V & 230V.
- Fuel, oil & temperature gauges.
- Fuel pump prime button (easy bleed upon service).
- Remote start connections.
- Emergency stop.

STANDARD FEATURES

- DSE 3110 control module.
- Low oil pressure and high engine temperature shutdowns.
- Low fuel level warning.
- Zintec weatherproof enclosure.
- Lifting eye.
- Heavy duty base with fork lift pockets.
- 3-Way valve (1/4" BSP) for an external tank.
- Oil drain facility.
- Battery isolator & emergency stop button for safety.
- Bunded fuel tank.

DEEP SEA ELECTRONICS 3110 START/STOP CONTROL MODULE

- The module will display warnings, shutdowns & engine status information on the back-lit LCD screen.
- Engine shutdowns include, high engine temperature & low oil pressure. low fuel level warning.

- Monitoring & protecting AC volts & frequency (Hz).
- Hours run counter.
- Battery voltage monitoring.
- 2-wire remote start function.



POWER DEFINITION

Prime Power (PRP) :

Applicable for supplying power to varying electrical load for unlimited hours in accordance ISO 8528-1.

Standby Power (ESP) :

Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source in accordance with ISO 8528-1.

OPTIONS

- ATS Panel (Automatic Transfer Switch).
- Customised socket arrangement on request.
- Power Lock (Litton) connectors.
- Engine coolant heater.
- Mains battery charger.
- Auto start/stop programmable 7-day timer.
- DSE 4510 control module upgrade available.
- Telemetry remote communication available (DSE 4510 & DSE 890 required).
- Chalwyn valve/Spark arrestor.

ROAD TOW TRAILER OPTION

Road trailer certified to 2007/46/CE complete with either a ball or ring hitch.



DIMENSIONS (mm) & WEIGHT (KG)

| Status | Length | Width | Height | Weight |
|-------------|--------|-------|--------|--------|
| Trailer dry | 3405 | 1335 | 1510 | 863 |
| Trailer wet | 3405 | 1335 | 1510 | 957 |