

SSDK20M

20.0kVA MULTI-PHASE Super Silent Diesel Generator

GENERATOR SPECIFICATION	
Voltage	400/230/115
Phase	1/3 (Multi-Phase)
Frequency	50Hz
Stand-by Power (ESP)	400V @ 20.4 kVA / 16.3 kW
Cont. Power (COP)	400V @ 17.6 kVA / 14.1 kW
Stand-by Power (ESP)	230/115V @ 19.2 kVA/15.4 kW
Cont. Power (COP)	230/115V @ 16.6 kVA/13.3 kW
Alternator	30kVA Meccalte ECP 28-VL/4
AVR	DSR 3Ø Electronic +/- 1%
Fuel tank capacity	120 Litres
Autonomy 100% load	21 Hours 5.6 L/h
Autonomy 75% load	26 Hours 4.6 L/h
Autonomy 50% load	43 Hours 2.8 L/h
Autonomy 25% load	86 Hours 1.4 L/h
LWA	89
dBA @ 7M	64
dBA @ 4M	69

ENGINE SPECIFICATION	
Engine	Kubota V2203-M-E4-BG2
Emissions certified	EU Stage V
Cylinders	4
Aspiration	Naturally aspirated
Cooling	Water cooled
Displacement	2197cc
Rpm	1500
Net Engine power	Standby 18.5 kWm Continuous 16.0 kWm



TOTAL Winding Protection
3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)				
Status	Length	Width	Height	Weight
Skid dry	1800	800	1270	731
Skid wet	1800	800	1270	825

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 - *see below*.
- 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

Standby Power (ESP) : Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source.

Continuous Power (COP) : Applicable for supplying power to electrical load for unlimited hours.

Both are in accordance with ISO 8528-1 under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturers.

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	857
Trailer wet	3405	1335	1510	951