

SSDK20W

20.0kVA Super Silent Welfare Diesel Generator

GENERATOR SPECIFICATION			ENGINE SPECIFICATION	
Voltage	230		Engine	Kubota V2203-M-E4-BG2
Phase	1		Emissions certified	EU Stage V
Frequency	50Hz		Cylinders	4
Stand-by Power (ESP)	19.2 kVA / 15.4 kW		Aspiration	Naturally aspirated
Continuous Power (COP)	16.6 kVA / 13.3 kW		Cooling	Water cooled
Alternator	30kVA Meccalte ECP 28-VL/4		Displacement	2197cc
AVR	DSR 3Ø Electronic +/- 1%		Rpm	1500
Fuel tank capacity	120 Litres		Net Engine power	Stand-by 18.5 kWm
Autonomy 100% load	19 Hours	5.6 L/h		Continuous 16.0 kWm
Autonomy 75% load	26 Hours	4.6 L/h	 TOTAL Winding Protection 3 Year Warranty (Limited)	
Autonomy 50% load	38 Hours	2.8 L/h		
Autonomy 25% load	75 Hours	1.4 L/h		
LWA	89			
dBA @ 7M	64			
dBA @ 4M	69			



DIMENSIONS (mm) & WEIGHT (KG)				
Status	Length	Width	Height	Weight
Skid dry	1800	800	1270	700
Skid wet	1800	800	1270	894

CONTROL PANEL

- DSE 3110 control module - *details below*.
- MCB overload protection.
- RCD earth leakage protection.
- 2 x 230V 63A BS4343 socket.
- Fuel, oil & temperature gauges.
- Fuel pump prime button (easy bleed upon servicing).
- 2-wire remote start connections.
- Emergency stop.

STANDARD FEATURES

- Low oil pressure and high engine temperature shutdowns. Low fuel level warning.
- Ease of access - control panel, battery, fuel filling and serviceable engine parts all on one side.
- 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.
- Fully compatible remote start/stop control module with shutdown and warning indicators.
- DSE 4510 control module upgrade available.
- Telemetry remote communication available (DSE 4510 & DSE 890 required).
- Chalwyn valve/Spark arrestor.
- Heavy duty AC extension cables.