

# SSDK16M

## 16.0kVA MULTI-PHASE Super Silent Diesel Generator

GENERATOR SPECIFICATION	
Voltage	400/230/115
Phase	1/3 (Multi-Phase)
Frequency	50Hz
Stand-by Power (ESP)	400V @ 16.7 kVA / 13.4 kW
Cont. Power (PRP)	400V @ 14.5 kVA / 11.6 kW
Stand-by Power (ESP)	230/115V @ 15.8 kVA / 12.6 kW
Cont. Power (PRP)	230/115V @ 13.7 kVA / 11.0 kW
Alternator	25kVA Meccalte ECP 28-2L/4
AVR	DSR 3Ø Electronic +/- 1%
Fuel tank capacity	120 Litres
Autonomy 100% load	27 Hours      4.4 L/h
Autonomy 75% load	34 Hours      3.5 L/h
Autonomy 50% load	54 Hours      2.2 L/h
Autonomy 25% load	109 Hours      1.1 L/h
LWA	88
dBa @ 7M	63
dBa @ 4M	68

ENGINE SPECIFICATION	
Engine	Kubota D1703-M-E4-BG2
Emissions certified	EU Stage V
Cylinders	3
Aspiration	Naturally aspirated
Cooling	Water cooled
Displacement	1647cc
Rpm	1500
Net Engine power	Standby 15 kWm Prime 13.9 kWm



TOTAL Winding Protection  
3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)				
Status	Length	Width	Height	Weight
Skid dry	1800	800	1270	693
Skid wet	1800	800	1270	787

## 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	819
Trailer wet	3405	1335	1510	913