

## SSDK12M

### 12.0kVA MULTI-PHASE Super Silent Diesel Generator

#### GENERATOR SPECIFICATION

<b>Voltage</b>	400/230/115	
<b>Phase</b>	1/3 (Multi-Phase)	
<b>Frequency</b>	50Hz	
<b>Stand-by Power (ESP)</b>	400V @ 13.5 kVA / 10.8 kW	
<b>Cont. Power (PRP)</b>	400V @ 12.0 kVA / 9.6 kW	
<b>Stand-by Power (ESP)</b>	230/115V @ 12.6 kVA / 10.1 kW	
<b>Cont. Power (PRP)</b>	230/115V @ 11.1 kVA / 8.9 kW	
<b>Alternator</b>	17.5kVA Meccalte ECP 28-3S4 C	
<b>AVR</b>	DSR 3Ø Electronic +/- 1%	
<b>Fuel tank capacity</b>	120 Litres	
<b>Autonomy 100% load</b>	32 Hours	3.7 L/h
<b>Autonomy 75% load</b>	41 Hours	2.9 L/h
<b>Autonomy 50% load</b>	67 Hours	1.8 L/h
<b>Autonomy 25% load</b>	133 Hours	0.9 L/h
<b>LWA</b>	85	
<b>dBA @ 7M</b>	60	
<b>dBA @ 4M</b>	65	

#### ENGINE SPECIFICATION

<b>Engine</b>	Kubota V1505-E4-BG2
<b>Emissions certified</b>	EU Stage V
<b>Cylinders</b>	4
<b>Aspiration</b>	Naturally aspirated
<b>Cooling</b>	Water cooled
<b>Displacement</b>	1498cc
<b>Rpm</b>	1500
<b>Net Engine power</b>	Standby 12.5 kWm Prime 11.1 kWm



**TOTAL Winding Protection**  
**3 Year Warranty (Limited)**



#### DIMENSIONS (mm) & WEIGHT (KG)

Status	Length	Width	Height	Weight
Skid dry	1800	800	1270	592
Skid wet	1800	800	1270	686

## 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

### 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	734
Trailer wet	3405	1335	1510	828