

## SSDK12W3T

12.0kVA Super Silent Welfare Diesel Generator

### GENERATOR SPECIFICATION

<b>Voltage</b>	230	
<b>Phase</b>	1	
<b>Frequency</b>	50Hz	
<b>Standby Power</b>	13.6 kVA / 10.9 kW	
<b>Prime Power (PRP)</b>	12.1 kVA / 9.7 kW	
<b>Alternator</b>	Sincro SK160CA 12kVA	
<b>AVR</b>	BL4-U +/- 1%	
<b>Fuel tank capacity</b>	195 Litres	
<b>Autonomy 100% load</b>	53 Hours	3.7 L/h
<b>Autonomy 75% load</b>	67 Hours	2.9 L/h
<b>Autonomy 50% load</b>	108 Hours	1.8 L/h
<b>Autonomy 25% load</b>	217 Hours	0.9 L/h
<b>LWA</b>	N/A	
<b>dBA @ 7M</b>	N/A	
<b>dBA @ 4M</b>	N/A	

### 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>	1498
<b>Rpm</b>	1500
<b>Net Engine power</b>	Stand-by 12.5 kWm
	Continuous 11.1 kWm



### REMOTE START/STOP MODULE



- Fully compatible remote start/stop control module complete with low oil pressure, high engine temperature and low fuel level shutdown indicators.
- Power down mode - zero DC battery drain when in stop mode.
- Easy fit - plugs onto a control panel socket.
- Standard 5M cable length (longer on request).
- *Optional* - As above complete with generator variable run timer. (40mins to 3 hours).

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

Status	Length	Width	Height	Weight
<b>Skid dry</b>	954	685	1805	499
<b>Skid wet</b>	954	685	1805	669

## CONTROL PANEL

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

## STANDARD FEATURES

- Plug-in remote start/stop control box - *details below*. Our standard spec requires the remote start/stop module to operate. (conversion to manual & 2-wire starting option upon request - *see options*)
- Low oil pressure and high engine temperature shutdowns. Low fuel level warning.
- Battery isolator & emergency stop button for safety.
- Heavy duty base with fork lift pockets.
- Oil drain facility.
- Bunded fuel tank.
- Removable door for ease of access.

## 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.
- Remote start function.



## POWER DEFINITION

**Prime Power (PRP) :** Applicable for supplying power to varying electrical load for unlimited hours in accordance ISO 8528-1 under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturers.

**Standby Power :** An approximate overload of 10% is allowed for 1 hour in 12. This is typically used for regulation purposes and small unexpected loading.

## OPTIONS

- Manual and 2-wire start option available - no remote control box required to operate.
- Heavy duty AC extension cables.
- ATS Panel (Automatic Transfer Switch).
- Hardwire terminals (no AC socket).
- Engine coolant heater.
- Customised socket arrangement on request.
- Mains battery charger.
- Auto start/stop programmable 7-day timer.
- 3-Way valve (1/4" BSP) for an external tank.
- DSE 4520 control module upgrade available.
- Remote monitoring (telemetry) available (DSE 4520 required).