

### GENERATOR SPECIFICATION

<b>Voltage</b>	230	
<b>Phase</b>	1	
<b>Frequency</b>	50Hz	
<b>Standby Power</b>	30.0 kVA / 24.0 kW	
<b>Prime Power (PRP)</b>	28.5 kVA / 22.8 kW	
<b>Alternator</b>	45kVA Meccalte ECP 32-2S4 C	
<b>AVR</b>	DSR 3Ø Electronic +/- 1%	
<b>Fuel tank capacity</b>	280 Litres	
<b>Autonomy 100% load</b>	39 Hours	7.1 Litres per hour
<b>Autonomy 75% load</b>	52 Hours	5.4 Litres per hour
<b>Autonomy 50% load</b>	72 Hours	3.9 Litres per hour
<b>Autonomy 25% load</b>	112 Hours	2.5 Litres per hour
<b>LWA</b>	92	
<b>dBA @ 7M</b>	67	
<b>dBA @ 4M</b>	72	

### ENGINE SPECIFICATION

<b>Engine</b>	Perkins 1103A-33G
<b>Emissions certified</b>	Non certified
<b>Cylinders</b>	3
<b>Aspiration</b>	Naturally aspirated
<b>Cooling</b>	Water cooled
<b>Displacement</b>	3.3 Litres
<b>Rpm</b>	1500
<b>Net Engine power kWm</b>	30.4
<b>Cooling fan air flow</b>	53m <sup>3</sup> /min
<b>Exhaust gas flow</b>	5.7m <sup>3</sup> /min



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



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

Status	Length	Width	Height	Weight
Skid dry	2050	1000	1490	1300
Skid wet	2050	1000	1490	1545

## 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.

## CONTROL PANEL

- DSE 6110 control module - *see below for details*.
- Hinged control panel for easy access.
- MCB overload protection.
- 1 x 230V 63A, 2x 230V 32A & 1x 230V 16A BS4343 sockets.
- RCD earth leakage protection.
- Hard wire terminals.
- Remote start connections.
- Emergency stop.

## STANDARD FEATURES

- Low oil pressure, high engine temperature and low radiator coolant level shutdowns..
- Low fuel level warning.
- Zintec weatherproof enclosure.
- Lifting eye.
- 6-Way diverter valve complete with remote fuel tank quick release (3/8" BSP) fittings.
- Heavy duty 5mm base with fork lift pockets.
- Fork lift hard rubber bumpers.
- Oil sump pump.
- Battery isolator & emergency stop button for safety.
- Bunded fuel tank.
- Radiator water drain facility.

## DEEP SEA ELECTRONICS 6110 START/STOP CONTROL MODULE

- The module will display warnings, shutdown & engine status information on the back-lit LCD screen.
- Monitoring engine speed, oil pressure, coolant temperature, coolant level & fuel level.
- Volts, HZ, Amps, kW & kVA monitoring & protection.
- Service hours counter with maintenance warning.
- Battery voltage monitoring.
- 2-wire remote start function.
- Remote communication (telemetry) compatible.



## OPTIONS

- ATS Panel (Automatic Transfer Switch).
- Remote communication (telemetry) available.
- Engine coolant heater.
- Customised socket arrangement on request.
- Variable RCD.
- Power-lock (Litton) connectors.
- Mains battery charger.
- Auto start/stop programmable 7-day timer.
- Air intake shutdown valve & Spark arrestor.