

GENERATOR SPECIFICATION

Voltage	400/230	
Phase	3	
Frequency	50Hz	
Standby Power (ESP)	50.0 kVA / 40.0 kW	
Prime Power (PRP)	45.0 kVA / 36.0 kW	
Alternator	50kVA Meccalte ECP32-1M4	
AVR	DER 3Ø Electronic +/- 1%	
Fuel tank capacity	350 Litres	
Autonomy 100% load	32 Hours	10.7 Litres per hour
Autonomy 75% load	42 Hours	8.3 Litres per hour
Autonomy 50% load	61 Hours	5.7 Litres per hour
Autonomy 25% load	100 Hours	3.5 Litres per hour
LWA	88	
dBA @ 7M	63	
dBA @ 4M	68	

ENGINE SPECIFICATION

Engine	Perkins 1103A-33TG1
Emissions certified	Not certified
Cylinders	3
Aspiration	Turbo charged
Cooling	Water cooled
Displacement	3.3 Litres
Rpm	1500
Net Engine power kWm	45.6
Cooling fan air flow	5.29m ³ /min
Exhaust gas flow	13.8m ³ /min



TOTAL Winding Protection
3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)

Status	Length	Width	Height	Weight
Skid dry	2450	1000	1490	1375
Skid wet	2450	1000	1490	1675

POWER DEFINITION

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.

Prime Power (PRP) :

Applicable for supplying power to varying electrical load for unlimited hours in accordance ISO 8528-1.

CONTROL PANEL

- DSE 6110 control module - *see below for details*.
- Hinged control panel for easy access.
- MCCB overload protection.
- Variable RCD protection (30mA - 30A).
- RCD bypass switch.
- 1 x 400V 32A & 1 x 400V 63A BS4343 sockets.
- 1 x 230V 16A & 2 x 230v 32A BS4343 sockets.
- RCBO protection on all 230V sockets.
- 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.
- Power-lock (Litton) connectors.
- Mains battery charger.
- Auto start/stop programmable 7-day timer.
- Chalwyn valve/Spark arrestor.