

GENERATOR SPECIFICATION

Voltage	400/230	
Phase	3	
Frequency	50Hz	
Standby Power	56.0 kVA / 44.8 kW	
Prime Power	51.0 kVA / 40.8 kW	
Alternator	Meccalte ECP32-1M4	
AVR	DER 3Ø Electronic +/- 1%	
Fuel tank capacity	360 Litres	
Autonomy 100% load	25 Hours	14.4 Litres per hour
Autonomy 75% load	33 Hours	10.7 Litres per hour
Autonomy 50% load	49 Hours	7.3 Litres per hour
Autonomy 25% load	90 Hours	4.0 Litres per hour
LWA	90	
dBA @ 7M	65	
dBA @ 4M	70	

ENGINE SPECIFICATION

Engine	Perkins 904J-E28TA
Emissions Certified	EU Stage V Compliant
After Treatment	DOC & DPF
Cylinders	4
Combustion System	Direct Injection - Common Rail
Cooling	Water Cooled
Displacement	2.8 Litres
Rpm	1500
Governor Type	Electronic Control
Aspiration	Turbocharged aftercooled
Net Engine Power	55.0 kW



TOTAL Winding Protection
3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)

Status	Length	Width	Height	Weight
Skid dry	2470	1150	1640	1470
Skid wet				1760

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 7310 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

- Complete engine monitoring, oil pressure, engine temperatures c/w warnings & shutdowns.
- Aftertreatment - Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF)
- Low fuel level warning.
- Bunded fuel tank.
- Zintec weatherproof enclosure.
- Lifting eye.
- 6-Way diverter valve complete with remote fuel tank quick release (1/2" BSP) fittings.
- Heavy duty 5mm base with fork lift pockets.
- Fork lift hard rubber bumpers.
- Oil drain facility.
- Battery isolator & emergency stop button for safety.
- Radiator water drain facility.

DEEP SEA ELECTRONICS 7310 START/STOP CONTROL MODULE

- Large display back-lit LCD screen showing engine and generator monitoring.
- Engine monitoring via ECU - engine speed, oil pressure, coolant temperature, coolant level etc.
- 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.
- Air Intake shutdown 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	3950	1600	1860	1670
Trailer wet				1960



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