

GENERATOR SPECIFICATION

Voltage	400/230	
Phase	3	
Frequency	50Hz	
Standby Power	38.5 kVA / 30.8 kW	
Prime Power	34.6 kVA / 27.7 kW	
Alternator	Meccalte ECP32-2S4 C	
AVR	DER 3Ø Electronic +/- 1%	
Fuel tank capacity	310 Litres	
Autonomy 100% load	32 Hours	9.47 Litres per hour
Autonomy 75% load	41 Hours	7.39 Litres per hour
Autonomy 50% load	63 Hours	4.91 Litres per hour
Autonomy 25% load	126 Hours	2.45 Litres per hour
LWA	92	
dBA @ 7M	67	
dBA @ 4M	72	

ENGINE SPECIFICATION

Engine	Yanmar 4TNV98C-IYE
Emissions Certified	EU Stage V Compliant
After Treatment	DOC & DPF
Cylinders	4
Combustion System	Direct Injection - Common Rail
Cooling	Water Cooled
Displacement	3.319 Litres
Rpm	1500
Governor Type	Electronic Control
Aspiration	Natural
Net Engine Power	35.2 kW



TOTAL Winding Protection
3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)

Status	Length	Width	Height	Weight
Skid dry	2150	1050	1580	1190
Skid wet				1448

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 (3/8" 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	1800	1400
Trailer wet	3950	1600	1800	1658



www.stephill-generators.co.uk +44 (0) 1933 677911