

SSDP120A

117kVA Super Silent Diesel Generator

GENERATOR SPECIFICATION

Voltage	400/230	
Phase	3	
Frequency	50Hz	
Standby Power (ESP)	117.1 kVA / 93.7 kW	
Prime Power (PRP)	106.1 kVA / 84.9 kW	
Alternator	105kVA Meccalte ECP 34-2S/4	
AVR	DER 3Ø Electronic +/- 1%	
Fuel tank capacity	470 Litres	
Autonomy 100% load	19 Hours	24.5 Litres per hour
Autonomy 75% load	24 Hours	19.8 Litres per hour
Autonomy 50% load	35 Hours	13.2 Litres per hour
LWA	94	
dBA @ 7M	69	
dBA @ 4M	74	

ENGINE SPECIFICATION

Engine	Perkins 1104D-E44TAG2
Emissions certified	EU 97/68/EC Stage IIIa
Cylinders	4
Aspiration	Turbo charged
Cooling	Water cooled
Displacement	4.4 Litres
Rpm	1500
Net Engine power kWm	101.6
Cooling fan air flow	151.8m ³ /min
Exhaust gas flow	16.54m ³ /min



TOTAL Winding Protection
3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)

Status	Length	Width	Height	Weight
Skid dry	2710	1100	1650	1906
Skid wet	2710	1100	1650	2297

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 7310 control module. - *see below for details*
- Hinged control panel for easy access.
- MCCB/MCB overload protection.
- Variable RCD protection (30mA - 30A).
- RCD bypass switch.
- 1 x 400V 125A, 1 x 400V 32A & 1 x 400V 63A BS4343 sockets.
- 2 x 230V 32A & 1 x 230V 16A 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 shutdowns.
- 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 sump pump.
- Battery isolator & emergency stop button for safety.
- Radiator water drain facility.
- Bunded fuel tank.

DEEP SEA ELECTRONICS 7310 START/STOP CONTROL MODULE

- The module will display warnings, shutdown & engine status information on the back-lit LCD screen.
- Power monitoring kWh, kVar, Kva h, kVar h.
- Battery voltage monitoring.
- Service hours counter with maintenance warning.
- 2-wire remote start terminals.
- Remote communication (telemetry) compatible.
- Monitoring engine speed, oil pressure, coolant temperature, coolant level & fuel level.
- Volts, HZ, Amps, kW & kVA monitoring & protection.
- Real-time accurate configurable event logging.
- True dual mutual standby with load balancing timer.
- Reverse power (kW & kVAR).



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.

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	4500	1700	1960	2156
Trailer wet	4500	1700	1960	2547