

+44 (0) 1933 677911

SSDY21M

21.0kVA MULTI-PHASE Super Silent Diesel Generator

GENERATOR SPECIFICATION								
Voltage	400/230/115							
Phase	1/3 (Multi-Phase)							
Frequency	50Hz							
Standby Power	400V @ 21.1 kVA / 16.9 kW							
Continuous Power (COP)	400V @ 19.2 kVA / 15.4 kW							
Standby Power	230/115V @ 19.8 kVA/15.9 kW							
Prime Power (COP)	230/115V @ 18.0 kVA/14.4 kW							
Alternator	30kVA Meccalte ECP 28-VL4 C							
AVR	DSR 3Ø Electronic +/- 1%							
Fuel tank capacity	120 Litres							
Autonomy 100% load	21 Hours	5.6 L/h						
Autonomy 75% load	28 Hours	4.2 L/h						
Autonomy 50% load	43 Hours	2.8 L/h						
Autonomy 25% load	86 Hours	1.4 L/h						
LWA	89							
dBA @ 7M	64							
dBA @ 4M	69							

ENGINE SPECIFICATION						
Engine	Yanmar 4TNV88-B					
Emissions Certified	EU Stage V					
Cylinders	4					
Aspiration	Natural - Direct Injection					
Cooling	Water cooled					
Displacement	2.19 Litre					
Rpm	1500					
Net Engine Power	Standby 18.9 kW					
ivet Liigilie Powei	Continuous 17.2 kW					





TOTAL Winding Protection
3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)							
Status	Length	Width	Height	Weight			
Skid dry	1800	800	1270	694			
Skid wet	1800	800	1270	794			

CONTROL PANEL

- MCB overload protection.
- RCD protection on 400V & 230V.
- 400V: 1 x 400V 32A & 1 x spurred 230V 16A BS4343 sockets.
- 230V: 2 x 230V 32A & 1 x 230V 16A BS4343 sockets.
- 115V: 3 x 115V 32A & 1 x 115V 16A BS4343 sockets
- Hard wire terminals 400V & 230V.
- Fuel, oil & temperature gauges.
- Fuel pump prime button (easy bleed upon service).
- Remote start connections.
- Emergency stop.

STANDARD FEATURES

- DSE 3110 control module see below.
- Low oil pressure and high engine temperature shutdowns.
- Low fuel level warning.
- Zintec weatherproof enclosure.
- Lifting eye.
- Heavy duty base with fork lift pockets.
- 3-Way valve (1/4" BSP) for an external tank.
- Oil drain facility.
- Battery isolator & emergency stop button for safety.
- Bunded fuel tank.

DEEP SEA ELECTRONICS 3110 START/STOP CONTROL MODULE

- The module will display warnings, shutdowns & engine status information on the back-lit LCD screen.
- Engine shutdowns include, high engine temperature & low oil pressure. Low fuel level warning.
- Monitoring & protecting AC volts & frequency (Hz).
- Hours run counter.
- Battery voltage monitoring.
- 2-wire remote start function.



POWER DEFINITION

Continous Power (COP): 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.

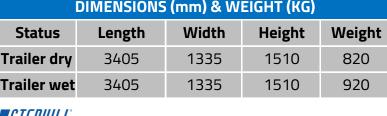
OPTIONS

- ATS Panel (Automatic Transfer Switch).
- Customised socket arrangement on request.
- Power Lock (Litton) connectors.
- Mains battery charger.
- Auto start/stop programmable 7-day timer.
- DSE 4520 control module upgrade available.
- Telemetry remote communication available (DSE) 4520 & DSE 890 required).
- 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	3405	1335	1510	820			
Trailer wet	3405	1335	1510	920			







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