

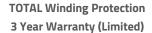
SSDY40V

38.5kVA Super Silent Diesel Generator

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 h						
Autonomy 50% load	63 Hours 4.91 Litres per ho						
Autonomy 25% load	126 Hours 2.45 Litres per hou						
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			









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 ELECTRONINCS 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		



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