

# SSDP70A

## 67.0kVA Super Silent Diesel Generator

### GENERATOR SPECIFICATION

<b>Voltage</b>	400/230	
<b>Phase</b>	3	
<b>Frequency</b>	50Hz	
<b>Standby Power (ESP)</b>	67.0 kVA / 53.6 kW	
<b>Prime Power (PRP)</b>	60.3 kVA / 48.2 kW	
<b>Alternator</b>	63kVA Meccalte ECP32-2M4	
<b>AVR</b>	DER 3Ø Electronic +/- 1%	
<b>Fuel tank capacity</b>	350 Litres	
<b>Autonomy 100% load</b>	21 Hours	16.5 Litres per hour
<b>Autonomy 75% load</b>	33 Hours	10.6 Litres per hour
<b>Autonomy 50% load</b>	42 Hours	8.3 Litres per hour
<b>Autonomy 25% load</b>	72 Hours	4.8 Litres per hour
<b>LWA</b>	90	
<b>dBa @ 7M</b>	65	
<b>dBa @ 4M</b>	70	

### ENGINE SPECIFICATION

<b>Engine</b>	Perkins 1104D-44 TGG3
<b>Emissions certified</b>	EU 2011 97/68/EC Stage IIIa
<b>Cylinders</b>	4
<b>Aspiration</b>	Turbo charged
<b>Cooling</b>	Water cooled
<b>Displacement</b>	4.4 Litres
<b>Rpm</b>	1500
<b>Net Engine power kWm</b>	59.3
<b>Cooling fan air flow</b>	82m <sup>3</sup> /min
<b>Exhaust gas flow</b>	12.5m <sup>3</sup> /min



TOTAL Winding Protection  
3 Year Warranty (Limited)



### DIMENSIONS (mm) & WEIGHT (KG)

Status	Length	Width	Height	Weight
Skid dry	2450	1000	1490	1410
Skid wet	2450	1000	1490	1710

### 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 6110 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

- Low oil pressure, high engine temperature and low radiator coolant level shutdowns..
- Low fuel level warning.
- 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 sump pump.
- Battery isolator & emergency stop button for safety.
- Bunded fuel tank.
- Radiator water drain facility.

## DEEP SEA ELECTRONICS 6110 START/STOP CONTROL MODULE

- The module will display warnings, shutdown & engine status information on the back-lit LCD screen.
- Monitoring engine speed, oil pressure, coolant temperature, coolant level & fuel level.
- 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.
- 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	4240	1600	1800	1700
Trailer wet	4240	1600	1800	2000