

# SSDP36A

## 36.0kVA Super Silent Diesel Generator

### GENERATOR SPECIFICATION

<b>Voltage</b>	400/230
<b>Phase</b>	3
<b>Frequency</b>	50Hz
<b>Standby Power (ESP)</b>	36.0 kVA / 28.8 kW
<b>Prime Power (PRP)</b>	32.4 kVA / 25.9 kW
<b>Alternator</b>	40kVA Meccalte ECP32-3S/4
<b>AVR</b>	DER 3Ø Electronic +/- 1%
<b>Fuel tank capacity</b>	280 Litres
<b>Autonomy 100% load</b>	36 Hours 7.8 Litres per hour
<b>Autonomy 75% load</b>	46 Hours 6.1 Litres per hour
<b>Autonomy 50% load</b>	67 Hours 4.2 Litres per hour
<b>Autonomy 25% load</b>	112 Hours 2.5 Litres per hour
<b>LWA</b>	92
<b>dBA @ 7M</b>	67
<b>dBA @ 4M</b>	72

### ENGINE SPECIFICATION

<b>Engine</b>	Perkins 1103D-33 G3
<b>Emissions certified</b>	EU 2011 97/68/EC Stage IIIa
<b>Cylinders</b>	3
<b>Aspiration</b>	Naturally aspirated
<b>Cooling</b>	Water cooled
<b>Displacement</b>	3.3 Litres
<b>Rpm</b>	1500
<b>Net Engine power kWm</b>	32.3
<b>Cooling fan air flow</b>	53m <sup>3</sup> /min
<b>Exhaust gas flow</b>	5.49m <sup>3</sup> /min



TOTAL Winding Protection  
3 Year Warranty (Limited)



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

Status	Length	Width	Height	Weight
Skid dry	2050	1000	1490	1300
Skid wet	2050	1000	1490	1545

### 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.
- MCB overload protection.
- 1 x 400V 32A BS4343 socket.
- 3 x 230v 32A BS4343 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.
- Variable RCD.
- 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	3950	1600	1800	1510
Trailer wet	3950	1600	1800	1755