

#### 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>	25 Hours	13.9 Litres per hour
<b>Autonomy 75% load</b>	33 Hours	10.4 Litres per hour
<b>Autonomy 50% load</b>	48 Hours	7.2 Litres per hour
<b>Autonomy 25% load</b>	85 Hours	4.1 Litres per hour
<b>LWA</b>	88	
<b>dBA @ 7M</b>	63	
<b>dBA @ 4M</b>	68	

#### ENGINE SPECIFICATION

<b>Engine</b>	Perkins 1103A-33 TG2
<b>Emissions certified</b>	Non certified
<b>Cylinders</b>	3
<b>Aspiration</b>	Turbo charged
<b>Cooling</b>	Water cooled
<b>Displacement</b>	3.3 Litres
<b>Rpm</b>	1500
<b>Net Engine power kWm</b>	59.3
<b>Cooling fan air flow</b>	89m <sup>3</sup> /min
<b>Exhaust gas flow</b>	10.4m <sup>3</sup> /min



#### DIMENSIONS

Application	Length mm	Width mm	Height mm	Weight KG
<b>Skid dry</b>	2450	1000	1490	1490
<b>Skid wet</b>	2450	1000	1490	1790

## CONTROL PANEL

- Hinged control panel for easy access.
- MCB overload protection.
- Switchable variable RCD protection.
- 1 x 400V 32A & 1 x 400V 63A BS4343 sockets.
- 1 x 230V 16A & 2 x 230v 32A BS4343 sockets.
- Hard wire terminals.
- Remote start connections.
- Emergency stop.

## STANDARD FEATURES

- DSE 6110 control module.
- 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.

## DSE 6110 MK2 AUTO START CONTROL MODULE



- Monitoring engine speed, oil pressure, coolant temperature, coolant level & fuel level.
- The module will display warnings, shutdown & engine status information on the back-lit LCD screen.
- Volts, HZ, Amps, kW & kVA monitoring & protection.
- Service hours counter with maintenance warning.
- Battery voltage monitoring.
- Remote start function.
- Telemetry compatible.
- Licence free PC software.



## POWER DEFINITION

### Prime Power (PRP) :

Applicable for supplying power to varying electrical load for unlimited hours in accordance ISO 8528-1.

### 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.

## OPTIONS

- ATS Panel (Automatic Transfer Switch).
- Telemetry monitoring service available.
- Engine coolant heater.
- Customised socket arrangement on request.
- Litton connectors.
- Mains battery charger.
- Remote start/stop programmable 7-day timer.
- Chalwyn valve/Spark arrestor.