

#### GENERATOR SPECIFICATION

<b>Voltage</b>	400/230/115	
<b>Phase</b>	1/3 (Multi-Phase)	
<b>Frequency</b>	50Hz	
<b>Standby Power (ESP)</b>	400V @ 22.1 kVA / 17.7 kW	
<b>Prime Power (PRP)</b>	400V @ 20.5 kVA / 16.4 kW	
<b>Standby Power (ESP)</b>	230/115V @ 20.0 kVA / 16.7 kW	
<b>Prime Power (PRP)</b>	230/115V @ 19.3 kVA / 15.5 kW	
<b>Alternator</b>	30kVA Meccalte ECP 28-VL/4	
<b>AVR</b>	DSR 3Ø Electronic +/- 1%	
<b>Fuel tank capacity</b>	120 Litres	
<b>Autonomy 100% load</b>	21 Hours	5.6 Litres per hour
<b>Autonomy 75% load</b>	26 Hours	4.6 Litres per hour
<b>Autonomy 50% load</b>	43 Hours	2.8 Litres per hour
<b>Autonomy 25% load</b>	86 Hours	1.4 Litres per hour
<b>LWA</b>	89	
<b>dBA @ 7M</b>	64	
<b>dBA @ 4M</b>	69	

#### ENGINE SPECIFICATION

<b>Engine</b>	Kubota V2203-BG
<b>Emissions certified</b>	N/A
<b>Cylinders</b>	4
<b>Aspiration</b>	Normally aspirated
<b>Cooling</b>	Water cooled
<b>Displacement</b>	2197cc
<b>Rpm</b>	1500
<b>Net Engine power</b>	Standby 20.1 kWm Prime 18.6 kWm



**TOTAL Winding Protection**  
**3 Year Warranty (Limited)**



#### DIMENSIONS

Application	Length mm	Width mm	Height mm	Weight KG
<b>Skid dry</b>	1800	800	1270	695
<b>Skid wet</b>	1800	800	1270	784
<b>Trailer dry</b>	3405	1335	1510	853
<b>Trailer wet</b>	3405	1335	1510	942

## 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.
- 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.

## DSE 3110 AUTO START 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.
- Remote start function.
- 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

## OPTIONS

- Road trailer certified to 2007/46/CE ball or ring hitch.
- ATS Panel (Automatic Transfer Switch).
- Customised socket arrangement on request.
- Litton connectors.
- Engine coolant heater.
- Mains battery charger.
- Auto start/stop programmable 7-day timer.
- Deep Sea 4510 control module upgrade available.
- Telemetry monitoring service available (DSE 4510).
- Chalwyn valve/Spark arrestor.