

GENERATOR SPECIFICATION

Voltage	400/230/115
Phase	1/3 (Multi-Phase)
Frequency	50Hz
Standby Power (ESP)	400V @ 22.0 kVA / 17.6 kW
Prime Power (PRP)	400V @ 20.0 kVA / 16.0 kW
Standby Power (ESP)	230/115V @ 20.0 kVA / 16.7 kW
Prime Power (PRP)	230/115V @ 19.3 kVA / 15.5 kW
Alternator	30kVA Meccalte ECP 28-VL/4
AVR	DSR 3Ø Electronic +/- 1%
Fuel tank capacity	120 Litres
Autonomy 100% load	21 Hours 5.6 Litres per hour
Autonomy 75% load	26 Hours 4.6 Litres per hour
Autonomy 50% load	43 Hours 2.8 Litres per hour
Autonomy 25% load	86 Hours 1.4 Litres per hour
LWA	89
dBA @ 7M	64
dBA @ 4M	69

ENGINE SPECIFICATION

Engine	Kubota V2203-BG
Emissions certified	N/A
Cylinders	4
Aspiration	Normally aspirated
Cooling	Water cooled
Displacement	2197cc
Rpm	1500
Net Engine power	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
Skid dry	1800	800	1270	695
Skid wet	1800	800	1270	784
Trailer dry	3405	1335	1510	853
Trailer wet	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 source in accordance with ISO 8528-1.

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.