

| 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 @ 24.8 kVA / 19.8 kW    |
| <b>Prime Power (PRP)</b>   | 400V @ 22.5 kVA / 18.0 kW    |
| <b>Standby Power (ESP)</b> | 230/115V @ 22.5 kVA/18.0 kW  |
| <b>Prime Power (PRP)</b>   | 230/115V @ 20.5 kVA/16.4 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>  | 19 Hours 6.2 Litres per hour |
| <b>Autonomy 75% load</b>   | 24 Hours 5.0 Litres per hour |
| <b>Autonomy 50% load</b>   | 39 Hours 3.1 Litres per hour |
| <b>Autonomy 25% load</b>   | 75 Hours 1.6 Litres per hour |
| <b>LWA</b>                 | 85                           |
| <b>dBa @ 7M</b>            | 60                           |
| <b>dBa @ 4M</b>            | 65                           |

| ENGINE SPECIFICATION       |                                    |
|----------------------------|------------------------------------|
| <b>Engine</b>              | Kubota V2003T-BG                   |
| <b>Emissions certified</b> | N/A                                |
| <b>Cylinders</b>           | 4                                  |
| <b>Aspiration</b>          | Turbo                              |
| <b>Cooling</b>             | Water cooled                       |
| <b>Displacement</b>        | 1999cc                             |
| <b>Rpm</b>                 | 1500                               |
| <b>Net Engine power</b>    | Standby 22.5 kWm<br>Prime 20.4 kWm |



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



| DIMENSIONS (mm) & WEIGHT (KG) |        |       |        |        |
|-------------------------------|--------|-------|--------|--------|
| Status                        | Length | Width | Height | Weight |
| Skid dry                      | 1800   | 800   | 1270   | 738    |
| Skid wet                      | 1800   | 800   | 1270   | 832    |

## 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.

## DEEP SEA ELECTRONICS 3110 START/STOP 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.
- 2-wire remote start function.



## 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).
- Customised socket arrangement on request.
- Power Lock (Litton) connectors.
- Engine coolant heater.
- Mains battery charger.
- Auto start/stop programmable 7-day timer.
- DSE 4510 control module upgrade available.
- Telemetry remote communication available (DSE 4510 & DSE 890 required).
- 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 | 3405   | 1335  | 1510   | 863    |
| Trailer wet | 3405   | 1335  | 1510   | 957    |