

### GENERATOR SPECIFICATION

|                    |                             |         |
|--------------------|-----------------------------|---------|
| Voltage            | 400/230/115                 |         |
| Phase              | 1/3 (Multi-Phase)           |         |
| Frequency          | 50Hz                        |         |
| Standby Power      | 400V @ 19.0 kVA / 15.2 kW   |         |
| Prime Power (PRP)  | 400V @ 17.3 kVA / 13.8 kW   |         |
| Standby Power      | 230/115V @ 17.8 kVA/14.3 kW |         |
| Prime Power (PRP)  | 230/115V @ 16.3 kVA/13.0 kW |         |
| Alternator         | 30kVA Meccalte ECP 28-VL4 C |         |
| AVR                | DSR 3Ø Electronic +/- 1%    |         |
| Fuel tank capacity | 120 Litres                  |         |
| Autonomy 100% load | 21 Hours                    | 5.6 L/h |
| Autonomy 75% load  | 26 Hours                    | 4.6 L/h |
| Autonomy 50% load  | 43 Hours                    | 2.8 L/h |
| Autonomy 25% load  | 86 Hours                    | 1.4 L/h |
| LWA                | 89                          |         |
| dBA @ 7M           | 64                          |         |
| dBA @ 4M           | 69                          |         |

### ENGINE SPECIFICATION

|                      |                                         |
|----------------------|-----------------------------------------|
| Engine               | Kubota V2203-M-E4-BG2                   |
| Emissions certified  | EU Stage V                              |
| Engine Speed Control | Electronically governed                 |
| Cylinders            | 4                                       |
| Aspiration           | Naturally aspirated                     |
| Cooling              | Water cooled                            |
| Displacement         | 2197cc                                  |
| Rpm                  | 1500                                    |
| Net Engine power     | Standby 17.0 kWm<br>Continuous 15.5 kWm |



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



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

| Status   | Length | Width | Height | Weight |
|----------|--------|-------|--------|--------|
| Skid dry | 1800   | 800   | 1270   | 731    |
| Skid wet | 1800   | 800   | 1270   | 825    |

## 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 - *see below* .
- 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 under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturers.

**Standby Power** : An approximate overload of 10% is allowed for 1 hour in 12. This is typically used for regulation purposes and small unexpected loading.

## 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 4520 control module upgrade available.
- Telemetry remote communication available (DSE 4520 & DSE 890 required).
- Air intake shutdown 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   | 857    |
| Trailer wet | 3405   | 1335  | 1510   | 951    |



[www.stephill-generators.co.uk](http://www.stephill-generators.co.uk) +44 (0) 1933 677911