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# SSDK16M

Knpota

| GENERA             | TOR SPECIFI                   | CATION  |   |  |
|--------------------|-------------------------------|---------|---|--|
| Voltage            | 400/230/115                   |         |   |  |
| Phase              | 1/3 (Multi-Phase)             |         |   |  |
| Frequency          | 50Hz                          |         |   |  |
| Standby Power      | 400V @ 15.9 kVA / 12.7 kW     |         |   |  |
| Prime Power (PRP)  | 400V @ 14.5 kVA / 11.6 kW     |         |   |  |
| Standby Power      | 230/115V @ 14.8 kVA / 11.9 kW |         |   |  |
| Prime Power (PRP)  | 230/115V @ 13.5 kVA / 10.8 kW |         |   |  |
| Alternator         | 25kVA Meccalte ECP 28-L4C     |         |   |  |
| AVR                | DSR 3Ø Electronic +/- 1%      |         |   |  |
| Fuel tank capacity | 120 Litres                    |         |   |  |
| Autonomy 100% load | 27 Hours                      | 4.4 L/h |   |  |
| Autonomy 75% load  | 34 Hours                      | 3.5 L/h | Т |  |
| Autonomy 50% load  | 54 Hours                      | 2.2 L/h | З |  |
| Autonomy 25% load  | 109 Hours                     | 1.1 L/h |   |  |
| LWA                | 88                            |         |   |  |
| dBA @ 7M           | 63                            |         |   |  |
| dBA @ 4M           | 68                            |         |   |  |

15.9kVA MULTI-PHASE Super Silent Diesel Generator

| ENGINE SPECIFICATION |                       |  |  |  |
|----------------------|-----------------------|--|--|--|
| Engine               | Kubota D1703-M-E4-BG2 |  |  |  |
| Emissions certified  | EU Stage V            |  |  |  |
| Cylinders            | 3                     |  |  |  |
| Aspiration           | Naturally aspirated   |  |  |  |
| Cooling              | Water cooled          |  |  |  |
| Displacement         | 1647cc                |  |  |  |
| Rpm                  | 1500                  |  |  |  |
| Net Engine power     | Standby 14.5 kWm      |  |  |  |
|                      | Prime 13.2 kWm        |  |  |  |

mecc alte

TOTAL Winding Protection 3 Year Warranty (Limited)



| DIMENSIONS (mm) & WEIGHT (KG) |        |       |        |        |  |  |
|-------------------------------|--------|-------|--------|--------|--|--|
| Status                        | Length | Width | Height | Weight |  |  |
| Skid dry                      | 1800   | 800   | 1270   | 693    |  |  |
| Skid wet                      | 1800   | 800   | 1270   | 787    |  |  |

## **CONTROL PANEL**

- MCB overload protection.
- RCD protection on 400V & 230V.

 400V : 1 x 400V 32A & 1 x spurred 230V 16A BS4343 sockets.

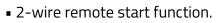
- 230V : 2 x 230V 32A & 1 x 230V 16A BS4343 sockets.
- 115V : 3 x 115V 32A & 1 x 115V 16A BS4343 sockets
- Hard wire terminals 400V & 230V.
- Fuel, oil & temperature gauges.
- Fuel pump prime button (easy bleed upon service).
- Remote start connections.
- Emergency stop.

### **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.





## **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

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- 4520 & DSE 890 required).
- Air intake shutdown valve & Spark arrestor.





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