



## SPECIFICATIONS

| AC Generator      | Rated Frequency      | Hz   | 50   |         |  | Battery   | 46B24L<br>(Japanese industrial Standard) |     |                                  |
|-------------------|----------------------|--|--|---------|--|---|--|-----|----------------------------------|
|                   | Rated Speed          | min <sup>-1</sup>                            | 3000   |         |  | Fuel Tank Capacity  | L  | 37  |                                  |
|                   | Phase                |  | 3-Phase  | 1-Phase |  | Dimension   | Length                                   | mm  | 1344                             |
|                   | Rated Voltage        | V  | 415  | 240     | 110  |   | Width                                    | mm  | 640                              |
|                   | Rated Current        | A  | 18.1   | 43.3    | 94.5                                       |   | Height                                   | mm  | 778                              |
|                   | Power Factor         |  | 0.8  | 1.0     |  | Dry Weight  | kg                                       | 400 |                                  |
|                   | Rated Output         | kVA  | 13   | 10.4    |  | Noise (dB(A))   |  |     | 74<br>(2006/42/EC, d=1m, h=1.6m) |
| kW                |                      | 10.4   | 10.4   |         | Uncertainty K <sub>pa</sub>                |   | 2  |     |                                  |
| Rating            |                      | Continuous                                   |  |         | Measured sound power level L <sub>wa</sub> |   | 89(2000/14/EC, r=4m)                     |     |                                  |
| Model             |                      | Kubota D902                                  |  |         | Uncertainty K <sub>wa</sub>                |   | 1  |     |                                  |
| Type              |                      | Vertical, Water Cooled 4-Cycle Diesel Engine |  |         | Guaranteed sound level L <sub>wa</sub>     | 90(2000/14EC, r=4m)<br>91(declared)<br>(2000/14/EC, r=4m) |  |     |                                  |
| Engine            | Displacement         | L  | 0.898  |         |  | Powered by  |  |     |                                  |
|                   | Rated Output         | kW/min <sup>-1</sup>                         | 13.1 / 3000  |         |  |   |  |     |                                  |
|                   | Fuel                 |  | EN Standard or ASTM Standard<br>(sulfur content < 15ppm) |         |  |   |  |     |                                  |
|                   | Lubricant Oil        |  | API Class CF or Higher                                   |         |  |   |  |     |                                  |
|                   | Lubricant Oil Volume | L  | 3.6 (Effective 1.7)                                      |         |  |   |  |     |                                  |
|                   | Coolant Volume       | L  | 4.0 (Sub Tank Capacity 0.6L included)                    |         |  |   |  |     |                                  |
|                   | Starting Method      |  | Starter Motor  |         |  |   |  |     |                                  |
| Co2 Emission Data | g/kWh                | 1047.4                                       |  |         |  |   |  |     |                                  |

## CONTROL PANEL



1. 3-Phase Breaker
2. 1-Phase ELCB
3. 3-Phase ELR (Relay)
4. Monitor Lamp
5. Fuel Lamp
6. Multi Digital Meter
7. Preheat Lamp
8. Starter Switch
9. Emergency Stop Switch
10. Meter Selector
11. 1-Phase Breaker (240V 20A)
12. 1-Phase Breaker (240V 15A)
13. 1-Phase Breaker (110V 30A)
14. 1-Phase Breaker (110V 15A)
15. 3-Phase Receptacle (415V 32A)
16. 1-Phase Receptacle (240V 32A)
17. 1-Phase Receptacle (240V 16A)
18. 1-Phase Receptacle (110V 32A)
19. 1-Phase Receptacle (110V 16A)

## FEATURES

### Multi Digital Meter



The equipment includes a meter that provides digital display or voltage, current, operating time, and frequency. Meter is equipped with meter selector that can be switched to display voltage **VOLT**, current **Curr**, operating time **Hour** or frequency **FREQ**.

### Emergency Stop Switch

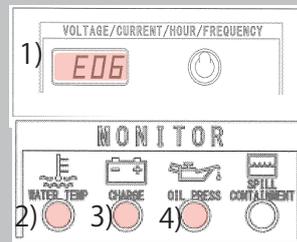
You can stop the engine immediately in emergency conditions to avert hazardous situations.



### Automatic Engine Shutdown

The engine automatically stops when the equipment detects errors which include;

- 1) engine over speed
- 2) cooling water temperature increase
- 3) battery charge failure
- 4) oil pressure decrease



### Earth Leakage Circuit Breaker with Sensitivity Current Adjustment



The earth leakage relay detects insulation failure, and automatically cuts the circuit off to prevent electrical shock. The sensitivity current can be adjusted from 30mA to 1000mA with duration of 0.04sec to 2.00sec.

### Spill Containment

The equipment has a structure that collects leaking liquid to prevent oil, fuel or other liquid from getting outside. Liquid accumulation is monitored and alert lamp is lit when it reaches approximately 70% full.

