



### ENGINE: Lombardini 15LD350

- 4 Stroke, single cylinder air cooled
- Set running speed 3000rpm
- Recoil start with back up 24V starter motor

### FUEL

- Diesel
- 10L capacity fuel tank



### GENERATOR: Padmode M1E-2V

- Dual wound 115/230V 4.5 kVA
- Flange mounting SAE609B (UK standard)
- 7/8" generator shaft (Industry standard)
- IP23 rated (drip and splash proof)
- 30mA RCCD control panel to protect the remote cable.



### FRAME CONFIGURATION

- Frame dimensions L=934, W=620 and H=820
- 1" gauge mild steel tubular frame, finished in MOD green
- 250mm diameter foam filled pneumatic tyres.
- Four 3-point carry handles for easy lifting
- Cable storage hooks built into the frame

### REMOTE CONTROL PANEL

- Box dimensions L=350, W=200 and H=150
- One 3-way selector switch 110V-OFF-240V
- Two 16A 110V BS4343 weather proof sockets
- One 16A 230V BS4343 weather proof socket
- Three 16A/MCB's to protect outlet sockets.
- 8 metres of heavy duty 5 core cable connects the main unit to the control box

### GENERAL PERFORMANCE DATA

- Unit dry weight = 128 kg
- 3175rpm, V=115, Hz=53, A=0 and W=0
- 3150rpm, V=115, Hz=52.5, A=10 and W=1500
- 3050rpm, V=110, Hz=51, A=29 and W=3500
- Running time of 6 hours, supplying a constant 250W power 8hours +

### CONTROLS (frame mounted)

- Electric hours run meter
- Pre-heat switch
- 24V Nato slave socket
- Oil alert lamp

### OTHER

- Unit is fitted with a detachable heavy duty earth spike, capable of being hammered into hard ground.



**FDG 4.5 Diesel Generator – Power Smoothing Unit NSN: 5915-99-344-5156**

Standard ancillary equipment includes a ruggedised power smoothing unit that will accept the input 230v 1ph 50 Hz nominal supply from the generator and provide a smoothed 2.5 amp supply distributed to the 4 off square pin outlet sockets for the use with electronic battery chargers and other sensitive electronic equipment.

**Output Power Quality**

- Voltage 230v  $\pm$  2%
- Frequency Fluctuation 50 Hz  $\pm$  0.25%
- Wave Distortion  $<$   $\pm$  2.5%

WIDTH	LENGTH	HEIGHT	WEIGHT
370mm	570mm	240mm	28.5 kgs

