



DIESEL GENERATOR SET – MODEL MERLIN 6KVA

The Merlin 6KVA air-cooled generator set is designed for rugged operation. It is easily manoeuvrable by wheels, forklift or strap lifting points. Service and maintenance panels allow easy access for oil and air filter inspection and replacement.



CONTROL PANEL

- Push Button Start/Stop and reset
- Over crank protection
- Hours run meter
- Automatic low oil shutdown
- Automatic low fuel shutdown and alarm

POWER OUTPUT CONNECTIONS

Socket output panel:
2 x 16 Amp sockets @ 230 Volt
2 x 16 Amp sockets @ 115 Volt
1 x 32 Amp socket @ 115 Volt
Output protection:
MCB protected on all sockets

OPTIONAL EXTRAS

- Single Voltage: 230V or 110V CTE
- Terminal Output
- Automatic Mains Failure
- Remote Start
- Start-On-Demand
- RCD

WEIGHTS AND DIMENSIONS

Length: 1225 mm
Width: 732 mm
Height: 883 mm
Weight: 170kg (without fuel)

RATED OUTPUT

Power rating 4.8 kW (6.0kVA)
Power Factor 0.8
Freq's 50 Hz
Voltages 115 - 230 Volts

ENGINE

Make Yanmar
Model L100
Cooling Forced air cooled
Speed 3000 rpm
Bhp 8.8 BHP @ rated speed
Displacement 406cc
Fuel Diesel
Consumption 1.65 Litres per hour @ 75 % load
Starting system Electric starter motor 12Vdc
Battery 12 Volt Lead Acid
Charging System Regulated engine mounted charger 8 Amp

ALTERNATOR

Make Sincro
Model EK2-6
Rated output 4.8 kW (6.0kVA)
Bearings Single Bearing
Poles Two pole
Insulation Class H
IP rating IP 21
Regulation $\pm 1.5\%$

WHEELED CANOPY

Material Mild steel
Handles Folding secured by R clips
Paint Polyester powder coated
Fuel tank Frame mounted
Fuel tank capacity 17 Litres
Running time 10 Hours
Sound level 95 LWA (69 dB(A) @ 7 metres)
Fuel Fill External
Access 2 x Access covers for Air and Oil
Oil Drain Flexible pipe drain to external access