

Cummins Powered 110KVA / 88 KW Standby Rated Generator

ENGINE:

CUMMINS 6BT5.9G2

(100KVA PRIME POWER SEA LEVEL RATED)

Water cooled, direct injection, turbo charged, 6 cylinders, 6 Litre, 4 stroke, 1500 RPM diesel engine. Electronically governed engine. 70% Block Load.

ALTERNATOR:

MARATHON ELECTRIC

MAGNA PLUS MP80 100 KVA / 80 KW

3 Phase and neutral, 400/230V, 50 Hz, brush less, IP21 enclosure, 1% voltage regulation at 1500 RPM, single bearing, Class H insulation with 10% overload facility to match engine standby rating.

DRIVE:

Flexible coupling with engine and alternator rigidly flanged together for true alignment and alternator rotor bolted directly to engine flywheel via flexi disc plates.

FRAME:

Simplex channel base with anti-vibration mounting between set and base. The simplex base includes the fuel tank designed for 10 - 12 hours duration / 370 litres.

CONTROL PANEL:

AMF (Automatic Mains Fail) with automatic transfer switch, controlled via a Lovato RGK60 digital controller.

ACCESSORIES:

Starter batteries (maintenance free type); water jacket heater and sound and weatherproof enclosure manufactured from mild steel.

PHYSICAL

SPECIFICATIONS:

Enclosed in Sound / Weatherproof Canopy:

(L) 3.5m x (B) 1.45m x (H) 1.3m and dry weight is 2200kg

NOTES:

Set output at 0.8 PF 148 Amps / phase and at unity PF 137 Amps / phase at sea level.

Height above sea level and temperature affect outputs quoted.

Complete and ready to run except for dieseline in tank and connections of load cables and or mains cables for AMF sets.