

**Cummins Powered 44KVA / 32 KW Standby Rated Generator**

**ENGINE:**

**CUMMINS 4BT3.9G**

**(40KVA PRIME POWER SEA LEVEL RATED)**

Water-cooled, in line, 4 cylinders, 4-cycle, direct injection, mechanically governed engine. Electric starting 70% Block Load.

**ALTERNATOR:**

**MARATHON ELECTRIC MAGNA PLUS MP 32-4**

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 8 - 12 hours duration. 160ltr

**CONTROL PANEL:**

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

**ACCESSORIES:**

Enclosed in Super Silent, Sound/Weatherproof canopy, Water Jacket Heater, AVR

**PHYSICAL**

**SPECIFICATIONS:**

**Enclosed in Sound / Weatherproof Canopy:**

(L) 2.5m x (B) 1m x (H) 1.4m and dry weight is 1200kgs.

**NOTES:**

Set output at 0.8 PF 58 Amps 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.