

Scania Powered 500KVA / 400 KW Standby Rated Generator

ENGINE:

**SCANIA
DC10 60 10 20A**

(450KVA / 360KW PRIME POWER SEA LEVEL RATED)

Water cooled, direct injection, turbo charged, 6 cylinders, 12 Litre, 4 stroke, 1500 RPM diesel engine. Electronically governed. Engine outputs in accordance with ISO 3046 / BS5514 / DIN 6217. 63% Single load step facility.

ALTERNATOR:

LEROY SOMER

LSC 54 S4 – 450 KVA (OR MECC ALTE EQUIVALENT)

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.

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 12 hours duration / 1000 litres.

CONTROL PANEL:

AMF (Automatic Mains Fail) control panel.

ACCESSORIES:

Starter batteries (maintenance free type); and residential silencer system all set mounted plus water jacket heater.

PHYSICAL

SPECIFICATINS:

4.0m L x 1.5m W x 2.35m H and dry weight is 4400 kg's.

NOTES:

Set output at 0.8 PF 649 Amps / phase and at unity PF 519 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.