

Generator Set

Fully reconditioned



APPLICATION

Rig-safe specification generator set with a field-proven design that is suitable for marine and offshore applications.

Refurbished to an exceptionally high standard and would suit either long term fixed, manned or unmanned applications or installation.

Designed for extended service intervals for up to 2,000 hours running between attendance and suitable for duty/standby rating.

Fully load and trial tested by highly experienced and certified Prior Power Solutions technicians.



General Specifications

- 50 kVA
- 40 kW Continuous
- 415 Volts
- Power factor 0.8
- 3 Phase
- 50 Hz

Engine

- Deutz air cooled
- Model F6L 912
- Double skinned fuel injection pipes - Giro type (complete system includes: manifold, indicators and associated valve)
- Governor - fixed speed Woodward actuator

Skid base

Sub frame - mild steel

Base frame/extended running lubricating oil sump - mild steel complete with: fill point, level gauge inspection hatches and manual sump pump.

Canopy

Stainless steel, high IP rated, complete with NDT/MPI tested and certified lifting points (four) with hinged lockable doors and lock off points for sea freight/general transportation purposes.

Ceiling mounted spark arrestor silencer with associated lining and cladding where necessary.

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Filtration/Lubrication

- Canopy related air intake - Altair Filter/Coalescer panel (GT2 Type/ arrangement)
- Engine air filter - Mann
- Engine Racor pre-fuel filter
- Engine Lubricating oil filter - Vokes
- Engine fuel - Vokes
- Lubricating oil 15/40 Rimula X3 or equivalent

Alternator

- Leroy Somer
- Model LSA M44 L5AGTR

Hoses and Fittings

Lubricating and fuel oil flame retardant specification, tagged and tested.

Shutdown Components (Standard)

- Lubricating oil pressure
- High oil temperature
- Underfrequency
- Air inlet
- Fan belt failure switch
- Emergency stop
- Overspeed

Electrical/Instrument Panel

- 12 volt batteries (x2)
- Battery voltage meter
- Amps meter
- Oil pressure meter
- Oil temperature meter
- Extended sump/oil pan heaters
- Float switches
- Fuel level switch
- Emergency stop buttons
- Battery charging alternator - engine driven
- Engine starting motor and associated relays

Corrosion protection of the following components:

- Engine
- Alternator
- Sub frame
- Skid base

Blast clean to ISO 8508-1-111998 SNA 2.5 and painted to specification below:

- 2 pack zinc prime to 70 microns DFT
- 2 pack hi build the coat to 200 microns DFT
- 2 pack polyurethane in RAL 1019 buff full gloss to 50 microns DFT
- Anti-vibration mounts between sub-frame and base frame

Weight

- Tare - 3,500 kgs
- Gross - 3,500 kgs

Lifting

Wire rope slings and associated shackles complete with in date certification.

Options

- Sound proofing panels
- Panel upgrade
- Extensive telemetry
- Remote operation
- Bespoke identification plates
- Bespoke decals

Warranty

Twelve months

Dimensions

- Length - 2,800mm
- Width - 1,200mm
- Height - 2,000mm

