

STORM SERIES

YNS138DZ SPECIFICATIONS 138kVA



Australian Design.



GENERAL

 Model
 YNS138DZ

 Power Type
 Diesel

 Prime Power (kW/kVA)
 100/125

 Standby Power (kW/kVA)
 110/137.5

ENGINE

Engine Make and Model

Engine Type

Fuel Consumption (L/h)*

Aspiration

Bore (mm) x Stroke (mm) No. of Cylinders

Displacement (L)
Compression Ratio

Governor Type

Lubricating Oil Capacity (L)

*Fuel Consumption is based on 100% load

DEUTZ BF4M1013FC

After-cooled, turbocharged, In-line, 4cyl

29.3

Turbocharged, Air-to-air charge cooled

108 x 130

4 4 76

18.1:1

Electronic Governor

11

ALTERNATOR

SI G274F1 Model Frequency (Hz) 50 Rate Power (kW/kVA) 112/140 Power Factor 0.8 Self-excited **Exciter Type** Voltage Regulator AVR Voltage Regulation ±0.5% No. of Phases 3 Insulation Class H Protection IP 21 Altitude (m) 1000

UNIT

Dimensions L x W x H (m) 3.2 x 1.1 x 1.47

 Dry Weight (kg)
 2200

 Sound at 7m/dB
 79

STANDARD FEATURES

- 50°C rated radiator
- Powder coated finish
- Double Muffler
- Emergency E stop
- State of the art control system
- ATS available

ASSEMBLY

The engine and alternator are closed coupled by means of an SAE flange. A full torsional analysis has been carried out to guarantee no harmful vibration will occur. Anti-vibration pads are affixed between engine alternator feet and base frame. Rubber diagonal



isolators are specifically designed to reduce engine and alternator vibration and prevent distortion in the voltage and harmonic output of the generator. All iron and steel surfaces of the canopy fabrication have been sand blasted and then powder coated, which provides an excellent corrosion resistant surface.

CONTROL SYSTEM

Automatic stop/start,
Data measurement, Alarm protection
and remote control, remote
measuring and remote
communication; SG485
module must be fitted in. LCD
display and it is easy and reliable to use.



QUALITY STANDARDS

Our generator sets are compliant with all the main standards, such as ISO8528, ISO14000, GB755, BS5000, VDE0530, ISO3046, IEC34-1, AS3000.

WARRANTY POLICY

12 months, 1200 hours as per generator. Generators Australia Pty Ltd Warranty Policy. All photos are for marketing purposes only.