

STORM SERIES

YNS412DZ SPECIFICATIONS 413KVA



Australian Design.
Powered by



GENERAL

Model	YNS412DZ
Power Type	Diesel
Prime Power (kW/kVA)	300/375
Standby Power (kW/kVA)	330/413

ENGINE

Engine Make and Model	DUETZ BF6M1015CP-LAG
Engine Type	Turbocharged CAC, V-form 90° angle, 6 cyl
Engine Power (kW)	365
Fuel Consumption (L/h)*	81.2
Aspiration	Turbo-charged CAC
Bore (mm) x Stroke (mm)	132 x 145
No. of Cylinders	6
Displacement (L)	11.906
Compression Ratio	16.5:1
Governor Type	Electronic Governor
Lubricating Oil Capacity (L)	38

*Fuel Consumption is based on 100% load

ALTERNATOR

Model	YANAN SLG314F1
Frequency (Hz)	50
Rate Power (kW/kVA)	304/380
PowerFactor	0.8
Exciter Type	Self-excited
Voltage Regulator	AS440
Voltage Regulation	±1.0%
No. of Phases	3
Insulation	Class H
Protection	IP 21
Altitude (m)	1000

UNIT

Dimensions L x W x H (m)	4.2 x 1.6 x 2.5
Dry Weight (kg)	4810
Sound at 7m/dB	80

STANDARD FEATURES

- 50°C rated radiator
- Powder coated finish
- All moving parts fitted with safety guards
- 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.