

STORM SERIES

YNS110C SPECIFICATIONS 100KVA



Australian Design.
Powered by



GENERAL

Model	YNS110C
Power Type	Diesel
Prime Power (kW/kVA)	80/100
Standby Power (kW/kVA)	88/110

ENGINE

Engine Make and Model	CUMMINS 6BT5.9-G2
Engine Type	Turbocharged, in line, 6 Cylinder
Engine Power (kW)	92
Fuel Consumption (L/h)*	22.3
Battery Type	Dry charged, available for 6 times. Starts under standard condition; connection cables.
Aspiration	Turbocharged
Bore (mm) x Stroke (mm)	102 x 120
No. of Cylinders	6
Displacement (L)	5.9
Compression Ratio	17.3:1
Speed Control System	Electronic Governor
Lubricating Oil Capacity (L)	16.4

*Fuel Consumption is based on 100% load

ALTERNATOR

Model	SLG274C1
Frequency (Hz)	50
Rate Power (kW/kVA)	80/100
Exciter Type	Self-excited
Voltage Regulator	AVR
Voltage Regulation	+0.5%
No. of Phases	3
Insulation	Class H
Protection	IP21
Rated Power Factor	0.8
Winding Pitch	Two thirds
Altitude (m)	1000

UNIT

Dimensions L x W x H (m)	3.2 x 1.1 x 1.47
Dry Weight (kg)	1600
Sound at 7m/dB	70

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
- Remote monitoring
- 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 MAINS FAILURE START CONTROLLER

The IntelliLite^{NT} range offers a wide choice of integrated control solutions for gen-sets operating in single standby mode.



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.