

# GENERATOR SOLUTIONS

## STORM SERIES

### YNS170C SPECIFICATIONS 170kVA



Australian Design.  
Powered by



#### GENERAL

Model	YNS170C
Power Type	Diesel
Prime Power (kW/kVA)	124/155
Standby Power (kW/kVA)	136/170

#### ENGINE

Engine Make and Model	CUMMINS 6BTA5.9-G12
Engine Type	Turbocharged, Air-to-air after cooled, In-line, 6cyl
Fuel Consumption (L/h)*	34
Aspiration	Turbo-charged, After-cooled
Bore (mm) x Stroke (mm)	102 x 120
No. of Cylinders	6
Displacement (L)	5.9
Compression Ratio	17.3:1
Governor Type	Electronic Governor
Lubricating Oil Capacity (L)	16.4

\*Fuel Consumption is based on 100% load

#### ALTERNATOR

Model	SLG274F1
Frequency (Hz)	50
Rate Power (kW/kVA)	128/160
Power Factor	Self-excited
Exciter Type	AVR
Voltage Regulator	±0.5%
Voltage Regulation	3
No. of Phases	Class H
Insulation	IP 21
Protection	1000
Altitude (m)	

#### UNIT

Dimensions L x W x H (m)	3.5 x 1.15 x 1.67
Dry Weight (kg)	2100
Sound at 7m/dB	75

#### 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.  
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