

## STORM SERIES

### YNS170C SPECIFICATIONS 155kVA



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 6BTAA5.9412
Engine Type	Turbocharged, in line, 6 stroke, 1500rpm
Engine Power (kW)	155
Fuel Consumption (L/h)*	34
Battery Type	Dry charged, available for 6 times. Starts under standard condition; connection cables.
Aspiration	Turbocharged, air to air aftercooled
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	SLG274F1, IP21
Frequency (Hz)	50
Rate Power (kW/kVA)	128/160
Power Efficiency	92.3%
Exciter Type	Self-excited
Voltage Regulator	AS440
Voltage Regulation	±1.0%
No. of Phases	3 phases
Insulation	Class H
Protection	IP22
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 1.8
Dry Weight (kg)	1800
Sound at 7m/dB	73

#### 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<sup>NT</sup> range offers a wide choice of integrated control solutions for gen-sets operating in single standby mode.

CompAp



#### 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.