

# GENERATOR SOLUTIONS

## STORM SERIES

### YNS220C SPECIFICATIONS 220kVA



Australian Design.  
Powered by



#### GENERAL

Model	YNS220C
Power Type	Diesel
Prime Power (kW/kVA)	160/200
Standby Power (kW/kVA)	176/220

#### ENGINE

Engine Make and Model	CUMMINS 6CTAA8.3-G2
Engine Type	Turbo-charged, Air-to-air after-cooled, In-line, 6cyl
Fuel Consumption (L/h)*	45
Aspiration	Turbo-charged, Air to Air aftercooled
Bore (mm) x Stroke (mm)	114 x 135
No. of Cylinders	6
Displacement (L)	8.3
Compression Ratio	18.0:1
Governor Type	Electronic Governor
Lubricating Oil Capacity (L)	23.8

\*Fuel Consumption is based on 100% load

#### ALTERNATOR

Model	SLG274H1
Frequency (Hz)	50
Rate Power (kW/kVA)	160/200
Power Factor	0.8
Exciter Type	Self-excited
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)	3.8 x 1.3 x 1.85
Dry Weight (kg)	2690
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. All photos are for marketing purposes only.