

### YNS500C SPECIFICATIONS 500KVA



Australian Design.  
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#### GENERAL

Model	YNS500C
Power Type	Diesel
Prime Power (kW/kVA)	360/450
Standby Power (kW/kVA)	400/500

#### ENGINE

Engine Make and Model	CUMMINS KTA19-G3
Engine Type	In-line
Fuel Consumption (L/h)*	97
Aspiration	Turbo-charged, Aftercooled
Bore (mm) x Stroke (mm)	159 x 159
No. of Cylinders	6
Displacement (L)	19
Compression Ratio	13.9:1
Governor Type	Electronic Governor
Lubricating Oil Capacity (L)	50

\*Fuel Consumption is based on 100% load

#### ALTERNATOR

Model	YANAN SLG354C1
Frequency (Hz)	50
Rate Power (kW/kVA)	360/450
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)	4.8 x 1.9 x 2.3
Dry Weight (kg)	6070
Sound at 7m/dB	85

#### 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
- 1,000L Fuel Tank

#### 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.