

STORM SERIES

YNS550V SPECIFICATIONS 550kVA



Australian Design.
Powered by



GENERAL

Model	YNS550V
Power Type	Diesel
Prime Power (kW/kVA)	400/500
Standby Power (kW/kVA)	440/550

ENGINE

Engine Make and Model	VOLVO TAD1641GE
Engine Type	Turbo-charged, Low temp after-cooled, In-line, 6cyl
Fuel Consumption (L/h)*	100.6
Aspiration	Turbo-charged, Air-to-air charge cooled
Bore (mm) x Stroke (mm)	144 x 165
No. of Cylinders	6
Displacement (L)	16.12
Compression Ratio	16.5:1
Governor Type	EMS2
Lubricating Oil Capacity (L)	48

*Fuel Consumption is based on 100% load

ALTERNATOR

Model	SLG354D1
Frequency (Hz)	50
Rate Power (kW/kVA)	400/500
Power Factor	0.8
Exciter Type	PMG
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)	5.1 x 1.9 x 2.43
Dry Weight (kg)	6930
Sound at 7m/dB	83

STANDARD FEATURES

- Double-layer muffler
- 3 way fuel (external fuel tank connector)
- Earth Bar
- Controller is in IP65 plastic box
- Doors on radiator for easy access
- Water trap
- Independant BUS connection
- Spark arrestor
- Battery Isolator
- PMG
- Red in color

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

The DSE8610 is an easy to use multi-generator loadshare system, designed to synchronise up to 32 generators including electronic engines. The DSE8610 monitors the generator and indicates operational status and fault conditions, automatically starting or stopping the engine on load demand or fault condition. System alarms are annunciated on the LCD screen (multiple language options available), illuminated LED and audible sounder.)



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.