# GENERATOR SOLUTIONS

# **STORM SERIES**





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)\* Aspiration Turbo-charged, Air-to-air charge cooled Bore (mm) x Stroke (mm) 144 x 165 No. of Cylinders 16 12 Displacement (L) 16.5:1 Compression Ratio EMS2 Governor Type Lubricating Oil Capacity (L) 48

#### **ALTERNATOR**

SLG354D1 Frequency (Hz) Rate Power (kW/kVA) 400/500 Power Factor 0.8 Exciter Type PMG Voltage Regulator AVR Voltage Regulation +0.5% No of Phases 3 Class H Insulation IP 21 Protection Altitude (m) 1000

#### UNIT

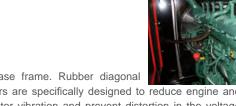
 Dimensions L x W x H (m)
 5.1 x 1.9 x 2.43

 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



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.

<sup>\*</sup>Fuel Consumption is based on 100% load