

HG9000SS-SK SPECIFICATIONS 8KVA



Australian Design.
Powered by



GENERAL

Model	HG9000SS
Power Type	Diesel
Prime Power (kW/kVA)	8/8
Standby Power (kW/kVA)	8.8/8.8

ENGINE

Engine Make and Model	KUBOTA D722
Engine Type	Vertical, Naturally aspirated, 3Cyl
Fuel Consumption (L/h)*	3.3
Aspiration	Natural
Bore (mm) x Stroke (mm)	67 x 68
No. of Cylinders	3
Displacement (L)	0.719
Compression Ratio	23.5:1
Governor Type	Mechanical governor
Lubricating Oil Capacity (L)	3.8

*Fuel Consumption is based on 100% load

ALTERNATOR

Model	STAMFORD PI042E
Frequency (Hz)	50
Rate Power (kW/kVA)	8.3/8.3
PowerFactor	1
Exciter Type	Brushless
Voltage Regulator	AVR
Voltage Regulation	+1.0%
No. of Phases	1
Insulation	Class H
Protection	IP 23
Altitude (m)	1000

UNIT

Dimensions L x W x H (m)	1.35 x 0.69 x 0.82
Dry Weight (kg)	380
Sound at 7m/dB	72

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

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

DSE6020 is an Auto Mains(Utility) Failure Control Module suitable for a wide variety of single, diesel or gas, gen-set applications. Both modules offer electronic (CAN) and non-electronic (magnetic pick-up/alternator sensing) engine versions and offer a number of flexible inputs, outputs and engine protections so the system can be easily adapted to suit a wide range of application demands.



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.
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