GENERATOR SOLUTIONS

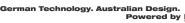
REMOTE SERIES



D58/S SPECIFICATIONS 80kVA

GENERAL

Model	D58/S
Power Type	Diesel
Prime Power (kW/kVA)	58/73
Standby Power (kW/kVA)	64/80





Engine Make and Model

Engine Type

Engine Prime Power (kW) Engine Standby Power (kW) Fuel Tank Capacity (L) Fuel Consumption (L/h)*

Battery Type

Bore (mm) x Stroke (mm)

No. of Cylinders Displacement (L) Compression Ratio Intake Model

Speed Control System Lubricating Oil Capacity (L) Lub Consumption (g/kW/h)

DEUTZ BF4M2012C

Water-cooled, in line, 4 stroke, 1500rpm

74.9 335 17.2

Lead-acid, 2 x 12V - 120AH

Turbo charged

Mechanical speed governing

8.5 0.645

ALTERNATOR

SLG224F1 single bearing 50 Frequency (Hz)

Continuous Output (kW/kVA) 58/73 Power Efficiency

4 pole, rotating field Type Brushless, self excited **Exciter Type**

Voltage Regulator AS440 Voltage Regulation +1.0%

3 phases, 4 wire No. of Phases Insulation Class H IP22 Protection Rated Power Factor 0.8

Stator Winding Double layer concentric

Two thirds Winding Pitch Winding Leads

No load <1.5% Waveform Distortion

Altitude (m)

1000

UNIT

Dimensions L x W x H (m) 2.6 x 1.1 x 1.7 Dry Weight (kg) 1930 Sound at 7m/dB 73

STANDARD FEATURES

- 50°C rated radiator
- Powder coated finish
- External fuel tank connections
- **EVAC** service points
- 110% bunded skid base
- All moving parts are fitted with safety guards
- Fitted sockets RCD protectors: 2 x 1Ph 15amp 3 pin 2 x 3Ph 32amp 5 pin 1 x 3Ph 63amp 5 pin
- IP65 electrical boxes
- IP66 electrical outlets
- Rated lifting lugs
- Emergency E stop
- State of the art control system -
- Remote monitoring
- Door safety interlocks



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. Antivibration 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 DSE6020 is an Auto Mains Failure Control Module suitable for a wide variety of single, diesel or gas, genset applications. Monitoring speed, frequency, voltage, current, oil pressure,



coolant temperatureand fuel level, the module will display warnings, shutdown and engine status information on the back-lit LCD screen and illuminated LED.

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.

^{*}Fuel Consumption is based on 100% load