# GENERATOR SOLUTIONS

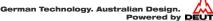
# **REMOTE SERIES**

# **D200/S SPECIFICATIONS** 250kVA



# GENERAL

Model	D200/S
Power Type	Diesel
Prime Power (kW/kVA)	200/250
Standby Power (kW/kVA)	220/275





#### **ENGINE**

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 BF6M1015C-LAG1A

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

Turbo intercooler

Electronical speed governing

0.609

\*Fuel Consumption is based on 100% load

### **ALTERNATOR**

Frequency (Hz)

Continuous Output (kW/kVA) Power Efficiency

Туре **Exciter Type** Voltage Regulator

Model

Voltage Regulation No. of Phases

Insulation Protection

Rated Power Factor

Stator Winding

Winding Pitch

Winding Leads Waveform Distortion

Altitude (m)

UNIT

Dimensions L x W x H (m) Dry Weight (kg)

Sound at 7m/dB

SLG274K1, single bearing IP22

200/250 91.0%

> 4 pole, rotating field Brushless, self excited

AS440 +1.0%

3 phases 4 wire Class H

IP22 0.8

Double layer concentric

Two thirds

No load <1.5%

1000

## 4.2 x 1.7 x 2.2

3284 73

#### STANDARD FEATURES

- 50°C rated radiator
- Powder coated finish
- External fuel tank connections
- **EVAC** service points
- 110% bunded skid base
- All moving parts fitted with safety guards
- RCD MCB 2 x 3Ph 63amp 5 pin IP66
- IP65 electrical boxes dust and water proof
- 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 InteliGen ComAp Controller is an easy to use multi-generator loadshare system, designed to synchronise up to 32 generators. The InteliGen ComAp Controller



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 displayed on the LCD screen (multiple language options are available), illuminated LED audible sounder.

The IG-NT-GC-MINT-IB-NT is used in conjunction with controllers to provide monitoring and communications data via the InteliGen ComAp Controller advanced communications system.

### **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.