

POWERLINK RK Kubota Series Diesel Generator with Stamford Alternator



Model: **GMS20KS-AU**
 Frequency: **50Hz**
 Fuel type: **Diesel**
 Powered by: **KUBOTA Engine**

415/240V-50Hz-3Phase

- Powerful heavy-duty Kubota industrial diesel and low emissions engine
- Standard control module, automatic start of mains failure
- Weather protective and sound attenuated enclosure
- Comprehensive warranty and service
- Outlets - 2x 15A, 1x 32A 3PH

TECHNICAL SPECIFICATIONS

Model	GMS20KS-AU			
Power(ESP)	kVA/kW	21.5/17.2		
Power(PRP)	kVA/kW	20/16		
Structure Type		RS		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)	5.5 L/h	
		Fuel consumption75% (of the Prime Power)	4.1 L/h	
		Fuel consumption50% (of the Prime Power)	2.8 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
Fuel Tank Capacity	Litre	100		
Noise Level	dB(A)@7m	64.8		
Dimensions and Weight	Length	Width	Height	Weight
	2132 mm	928 mm	1304 mm	871 kg

ENGINE SPECIFICATIONS

Manufacturer	Kubota
Model	V2203-BG
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	3
Displacement	1647 L
Bore and Stroke	87 mm × 92.4 mm
Compression Ratio	23
Intake Resistance	1.96kPa
Type of Injection	Direct
Total Oil Capacity	7.6 L
Coolant Capacity	7.1L

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**MACFARLANE
GENERATORS**
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ALTERNATOR SPECIFICATIONS

Manufacturer	Stamford
Phase	3
Power Factor	1
Bearing	1
Exciter type	Brushless
Insulation : Class , temperature rise	H
Degree of protection	IP23
AVR model	
Altitude	≤1000m
Winding Pitch	2/3
Overspeed	2250rpm



AIR SYSTEM

Engine Air Flow	0.11 m ³ /s(50Hz)
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Note: All data sheets are for reference only and subject to change without prior notice.

CONTROL PANEL

Deep Sea Electronics	DSE4510
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KEY FEATURES

- Largest back-lit icon display in its class
- Real time clock provides accurate event logging
- Fully configurable via the fascia or PC using USB communication
- Extremely efficient power save mode
- 3 phase generator sensing
- Generator/load power monitoring (kW, kV A, kV Ar, pf)
- Accumulated power monitoring (kW h, kVA h, kVAr h)
- Generator overload protection (kW)
- 4 configurable DC outputs (2 for DSE4510)
- 3 configurable analogue/digital inputs
- 4 configurable digital inputs
- Engine speed protection
- Engine hours counter
- Engine pre-heat
- Engine run-time scheduler
- Battery voltage monitoring
- Start on low battery voltage
- Configurable remote start input
- LCD alarm indication



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