

PowerLink RK Kubota Series Diesel Generator with Leroy Somer Alternator



Model: **PK45S-AU**
 Frequency: **50Hz**
 Fuel type: **Diesel**
 Powered by: **KUBOTA Engine**

- Powerful heavy-duty Kubota industrial diesel and low emissions engine
- Intelligent control - Manual & Remote start
- Weather protective and sound attenuated enclosure
- Comprehensive warranty and service
- Outlet - 4 x 15A

TECHNICAL SPECIFICATIONS

Model	PK45S-AU			
Power(ESP)	kVA/kW	50/40		
Power(PRP)	kVA/kW	45/36		
Structure Type		R		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)	10.7 L/h	
		Fuel consumption75% (of the Prime Power)	8.2 L/h	
		Fuel consumption50% (of the Prime Power)	5.4 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
Fuel Tank Capacity	Litre	280		
Noise Level	dB(A)@7m	66.0		
Dimensions and Weight	Length	Width	Height	Weight
	2508 mm	1081 mm	1709 mm	1404 kg

ENGINE SPECIFICATIONS

Manufacturer	Kubota
Model	V3800DI-T-BG
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	4
Displacement	3.769 L
Bore and Stroke	100 mm × 120 mm
Compression Ratio	19.0
Intake Resistance	1.96kPa
Type of Injection	Direct
Total Oil Capacity	13.2 L
Coolant Capacity	8.2 L

PROUDLY 100% AUSTRALIAN OWNED

**MACFARLANE
GENERATORS**
ESTABLISHED 1949

Power Anywhere Anytime | PK45S-AU | 04.2023

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ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer
Phase	1
Power Factor	0.8
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

PowerLink	PLC-920
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KEY FEATURES

- Standard Control Function
- Manual Engine Control Module
- Low Oil Pressure
- High Engine Temperature
- Auxiliary Shutdown
- Over Speed Protection
- Protection Hold-off Timer
- Charge Failure Warning



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