

# PowerLink RK Kubota Series Diesel Generator with Leroy Somer Alternator



Model: **PK18S-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

<b>Model</b>	<b>PK18S-AU</b>			
<b>Power(ESP)</b>	kVA/kW	19.8/15.87		
<b>Power(PRP)</b>	kVA/kW	185/14.4		
<b>Structure Type</b>		RS		
<b>Fuel Consumption</b>	Litre/hour	Fuel consumption100% (of the Prime Power)	3.9 L/h	
		Fuel consumption75% (of the Prime Power)	3.0 L/h	
		Fuel consumption50% (of the Prime Power)	2.0 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
<b>Fuel Tank Capacity</b>	Litre	120		
<b>Noise Level</b>	dB(A)@7m	64.8		
<b>Dimensions and Weight</b>	<b>Length</b>	<b>Width</b>	<b>Height</b>	<b>Weight</b>
	1932 mm	830 mm	1262 mm	755 kg

## ENGINE SPECIFICATIONS

<b>Manufacturer</b>	Kubota
<b>Model</b>	D1803-M-DI-BG
<b>Engine Speed Rated</b>	1500 RPM
<b>Cylinder /Arrangement</b>	3
<b>Displacement</b>	1.826 L
<b>Bore and Stroke</b>	87 mm × 102.4 mm
<b>Compression Ratio</b>	23.8
<b>Intake Resistance</b>	1.96kPa
<b>Type of Injection</b>	Direct
<b>Total Oil Capacity</b>	7.6 L
<b>Coolant Capacity</b>	7.1L

PROUDLY 100% AUSTRALIAN OWNED

**MACFARLANE  
GENERATORS**  
ESTABLISHED 1949

Power Anywhere Anytime | PK18S-AU | 11.2024

MACFARLANEGENERATORS.COM.AU

## ALTERNATOR SPECIFICATIONS

Manufacturer	Stamford PI144G
Phase	1
Power Factor	0.8
Bearing	1
Exciter type	Brushless
Insulation : Class , temperature rise	H
Degree of protection	IP23
AVR	Yes
Altitude	≤1000m
Winding Pitch	2/3
Overspeed	2250rpm



## AIR SYSTEM

Engine Air Flow	0.10 m³/s(50Hz)
-----------------	-----------------

Note: All data sheets are for reference only and subject to change without prior notice.

## CONTROL PANEL

PowerLink	PLC-920
-----------	---------

### KEY FEATURES

- 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



PROUDLY 100% AUSTRALIAN OWNED

**MACFARLANE  
GENERATORS**

ESTABLISHED 1949

POWER ANYWHERE ANYTIME

**MELBOURNE | SYDNEY | BRISBANE**

www.macfarlanegenerators.com.au | info@macgen.com

SALES | SERVICE | SPARES | HIRE | NEW | USED