

# PowerLink RK Kubota Series Diesel Generator with Leroy Somer Alternator



Model: **PK10S-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>PK10S-AU</b>			
<b>Power(ESP)</b>	kVA/kW	11/8.8		
<b>Power(PRP)</b>	kVA/kW	10/8		
<b>Structure Type</b>		RS		
<b>Fuel Consumption</b>	Litre/hour	Fuel consumption100% (of the Prime Power)	3.5 L/h	
		Fuel consumption75% (of the Prime Power)	2.9 L/h	
		Fuel consumption50% (of the Prime Power)	1.8 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
<b>Fuel Tank Capacity</b>	Litre	100		
<b>Noise Level</b>	dB(A)@7m	64.7		
<b>Dimensions and Weight</b>	<b>Length</b>	<b>Width</b>	<b>Height</b>	<b>Weight</b>
	1932 mm	927 mm	1308 mm	700 kg

## ENGINE SPECIFICATIONS

<b>Manufacturer</b>	Kubota
<b>Model</b>	D1105-BG
<b>Engine Speed Rated</b>	1500 RPM
<b>Cylinder /Arrangement</b>	3
<b>Displacement</b>	1123 L
<b>Bore and Stroke</b>	78 mm x 78.4 mm
<b>Compression Ratio</b>	22
<b>Intake Resistance</b>	1.96kPa
<b>Type of Injection</b>	Direct
<b>Total Oil Capacity</b>	5.1 L
<b>Coolant Capacity</b>	6.4 L

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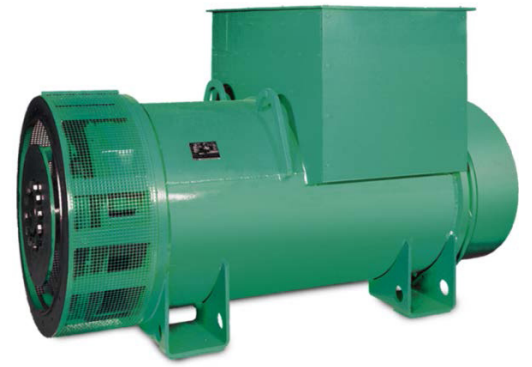
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## ALTERNATOR SPECIFICATIONS

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 <sup>3</sup> /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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