

POWERLINK EP Perkins Series Diesel Generator with Leroy Somer Alternator



Model: **WPS100S-AU**
Frequency: **50Hz**
Fuel type: **Diesel**
Powered by: **PERKINS SERIES**

415/240V-50Hz-3Phase

- Powerful heavy-duty Perkins industrial diesel and low emissions engine
- Intelligent control - Manual & Remote start
- Weather protective and sound attenuated enclosure
- Comprehensive warranty and service

TECHNICAL SPECIFICATIONS

Model	WPS100S-AU			
Power(ESP)	kVA/kw	110/88		
Power(PRP)	kVA/kw	100/80		
Voltage	V	415/240		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)	24.9 L/h	
		Fuel consumption75% (of the Prime Power)	17.1 L/h	
		Fuel consumption50% (of the Prime Power)	11.2 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
Fuel Tank Capacity	Litre	530		
Noise Level	dB(A)@7m	68.2dBA		
Dimensions and Weight	Length	Width	Height	Weight
	2888 mm	1100 mm	1901 mm	1993 kg

ENGINE SPECIFICATIONS

Manufacturer	Perkins
Model	1104C-44TAG2
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	4
Displacement	4.4 L
Bore and Stroke	105 mm x 127 mm
Compression Ratio	18.23
Frequency Regulation , steady state	±0.5%
Governor Type	Direct
Total Oil Capacity w/Filters	8.0 L
Coolant Capacity	12.6 L

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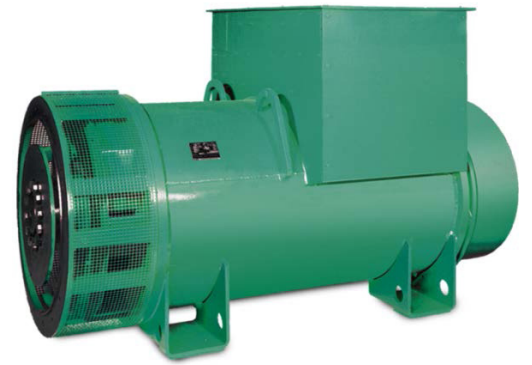
**MACFARLANE
GENERATORS**
ESTABLISHED 1949

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ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA44.3S5
Phase	3
Power Factor	0.8
Bearing	1
Exciter type	Brushless
Insulation : Class , temperature rise	H
Degree of protection	IP23
AVR model	R250
Altitude	≤1000m
Winding Pitch	2/3
Overspeed	2250rpm



AIR SYSTEM

Engine Air Flow	0.25m³/s(50Hz)
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Note: All data sheets are for reference only and subject to change without prior notice.

CONTROL PANEL

ComAp	IntelliLite 4 AMF9
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KEY FEATURES

- Easy configuration with IntelliConfig
- Remote monitoring
- Cyber security by design
- Easy troubleshooting
- Built-in PLC logic
- Flexible platform
- Stand-by and prime power application control
- Zero power mode
- Secure user management



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