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 consumption10	Fuel consumption 100% (of the Prime Power)		
		Fuel consumption 75	Fuel consumption 75% (of the Prime Power)		
		Fuel consumption50	Fuel consumption 50% (of the Prime Power)		
		Fuel consumption 25	Fuel consumption25% (of the Prime Power)		
Fuel Tank Capacity	Litre	550	550		
Noise Level	dB(A)@7m	-	-		
Dimensions and Weight	Length	Width	Height	Weight	
	2888 mm	1165 mm	1900 mm	1910 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 × 127 mm	
Compression Ratio	18.23	
Frequency Regulation, steady state	±0.5%	
Governor Type	Electronic fuel injection	
Total Oil Capacity w/Filters	8.0 L	
Coolant Capacity	12.6 L	



ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA44.3L10
Phase	3
Power Factor	0.8
Bearing	1
Exciter type	Brushless
Insulation: Class, temperature rise	Н
Degree of protection	IP23
AVR model	R250
Altitude	≤1000m
Winding Pitch	2/3
Overspeed	2250rpm



AIR SYSTEM

Engine Air Flow	0.25m³/s(50Hz)

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

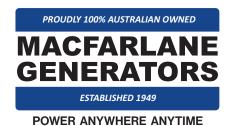
CONTROL PANEL

ComAp InteliLite 4 AM	- 9
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KEY FEATURES

- Easy configuration with InteliConfig
- Remote monitoring
- Cybersecurity 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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