

POWERLINK EP Perkins Series Diesel Generator with Leroy Somer Alternator



Model: **WPS500S-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	WPS500S-AU			
Power(ESP)	kVA/kw	550/440		
Power(PRP)	kVA/kw	500/400		
Voltage	V	415/240		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)	108 L/h	
		Fuel consumption75% (of the Prime Power)	79 L/h	
		Fuel consumption50% (of the Prime Power)	55 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
Fuel Tank Capacity	Litre	1600		
Noise Level	dB(A)@7m	77.2		
Dimensions and Weight	Length	Width	Height	Weight
	4586 mm	1564 mm	2556mm	5396 kg

ENGINE SPECIFICATIONS

Manufacturer	Perkins
Model	2506C-E15TAG2
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	6
Displacement	15.2 L
Bore and Stroke	137 mm × 165 mm
Compression Ratio	16
Frequency Regulation , steady state	±0.5%
Governor Type	Electronic Fuel Injection
Total Oil Capacity w/Filters	62 L
Coolant Capacity	58 L

PROUDLY 100% AUSTRALIAN OWNED

**MACFARLANE
GENERATORS**

ESTABLISHED 1949

Power Anywhere Anytime | WPS500S-AU | 11.2024

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ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA47.2M7
Phase	3
Power Factor	0.8
Bearing	1
Exciter type	Brushless, SHUNT
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	0.9m³/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
- 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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