

# POWERLINK EP Perkins Series Diesel Generator with Leroy Somer Alternator



Model: **WPS300S-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	WPS300S-AU			
Power(ESP)	kVA/kw	337/270		
Power(PRP)	kVA/kw	308/246		
Voltage	V	415/240		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)	64.9 L/h	
		Fuel consumption75% (of the Prime Power)	48.2 L/h	
		Fuel consumption50% (of the Prime Power)	33 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
Fuel Tank Capacity	Litre	1650		
Noise Level	dB(A)@7m	75.4		
Dimensions and Weight	Length	Width	Height	Weight
	3970 mm	1300 mm	2231 mm	3677 kg

## ENGINE SPECIFICATIONS

Manufacturer	Perkins
Model	1506A-E88TAG5
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	6
Displacement	8.8 L
Bore and Stroke	112 mm × 149 mm
Compression Ratio	16.1
Frequency Regulation , steady state	±0.5%
Governor Type	Direct
Total Oil Capacity	41 L
Coolant Capacity	33.2 L

PROUDLY 100% AUSTRALIAN OWNED

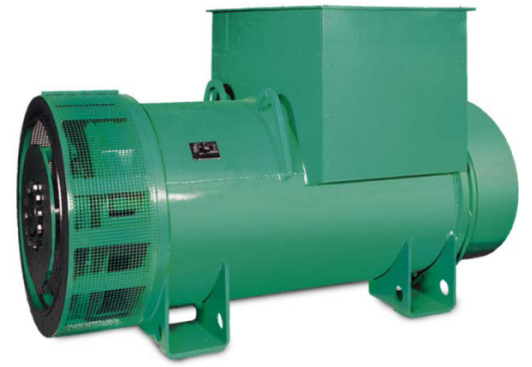
**MACFARLANE  
GENERATORS**  
ESTABLISHED 1949

Power Anywhere Anytime | WPS300S-AU | 03.2025

MACFARLANEGENERATORS.COM.AU

## ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA46.3L10
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	0.37m³/s(50Hz)
-----------------	----------------

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

## CONTROL PANEL

ComAp	IntelliLite 4 AMF9
-------	--------------------

### 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



PROUDLY 100% AUSTRALIAN OWNED

# MACFARLANE GENERATORS

ESTABLISHED 1949

POWER ANYWHERE ANYTIME

MELBOURNE | SYDNEY | BRISBANE | PERTH

[www.macfarlanegenerators.com.au](http://www.macfarlanegenerators.com.au) | [info@macgen.com](mailto:info@macgen.com)

SALES | SERVICE | SPARES | HIRE | NEW | USED