

POWERLINK EP Perkins Series Diesel Generator with Leroy Somer Alternator



Model: **WPS80S-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	WPS80S-AU			
Power(ESP)	kVA/kw	88/70		
Power(PRP)	kVA/kw	80/64		
Voltage	V	415/240		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)	18.7 L/h	
		Fuel consumption75% (of the Prime Power)	14 L/h	
		Fuel consumption50% (of the Prime Power)	9.7 L/h	
		Fuel consumption25% (of the Prime Power)	5.2 L/h	
Fuel Tank Capacity	Litre	550		
Noise Level	dB(A)@7m	59.2		
Dimensions and Weight	Length	Width	Height	Weight
	2778 mm	1150 mm	1900 mm	1810 kg

ENGINE SPECIFICATIONS

Manufacturer	Perkins
Model	1104A-44TG2
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	4
Displacement	4.4 L
Bore and Stroke	105 mm x 127 mm
Compression Ratio	17.25
Frequency Regulation , steady state	±0.5%
Governor Type	Mechanical
Total Oil Capacity w/Filters	8.0 L
Coolant Capacity	13 L

PROUDLY 100% AUSTRALIAN OWNED

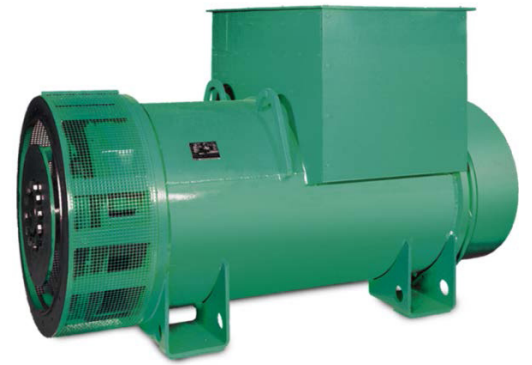
**MACFARLANE
GENERATORS**
ESTABLISHED 1949

Power Anywhere Anytime | WPS80S-AU | 11.2024

MACFARLANEGENERATORS.COM.AU

ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA44.3S3
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	0.25m³/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
- Cybersecurity 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

www.macfarlanegenerators.com.au | info@macgen.com
SALES | SERVICE | SPARES | HIRE | NEW | USED