

POWERLINK EP Perkins Series Diesel Generator with Leroy Somer Alternator



Model: **WPS625S-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	WPS625S-AU			
Power(ESP)	kVA/kw	688/550		
Power(PRP)	kVA/kw	625/473		
Voltage	V	415/500		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)	132 L/h	
		Fuel consumption75% (of the Prime Power)	97 L/h	
		Fuel consumption50% (of the Prime Power)	66 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
Fuel Tank Capacity	Litre	1650		
Noise Level	dB(A)@7m	77.6		
Dimensions and Weight	Length	Width	Height	Weight
	4701mm	1749mm	2617mm	6653kg

ENGINE SPECIFICATIONS

Manufacturer	Perkins
Model	2806A-E18TAG2
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	6
Displacement	18.13 L
Bore and Stroke	145 mm × 183 mm
Compression Ratio	14.5
Intake Resistance	≤6.4kPa
Governor Type	Turbocharged, Air-to-air charge cooled
Total Oil Capacity w/Filters	62 L
Coolant Capacity	61L

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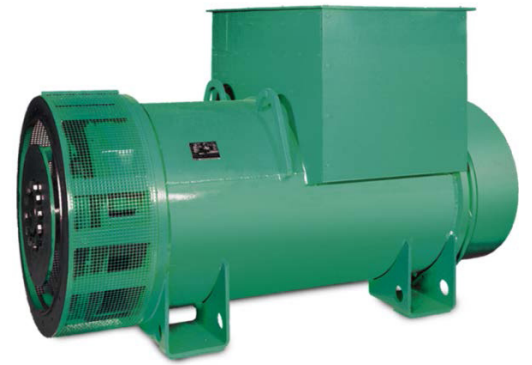
**MACFARLANE
GENERATORS**
ESTABLISHED 1949

Power Anywhere Anytime | WPS625S-AU | 04.2023

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ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA49.3S4A
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	1m³/s(50Hz)
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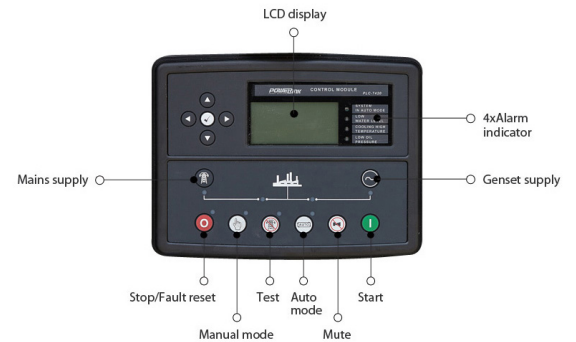
Note: All data sheets are for reference only and subject to change without prior notice.

CONTROL PANEL

Powerlink	PLC7420
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KEY FEATURES

- Microprocessor control, with high stability and credibility
- Monitoring and measuring operational parameters of the mains supply and genset
- Indicating operation status, fault conditions, all parameters and alarms
- Multiple protections; multiple parameters display, like pressure, temp. etc...
- Manual, automatic and remote work mode selectable
- Real time clock for time and date display, overall runtime display, 250 log entries
- Overall power output display
- Integral speed/frequency detecting, telling status of start, rated operation, overspeed etc
- Communication with PC via RS485 OR RS232 interface, using MODBUS protocol



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