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	66.7			
Dimensions and Weight	Length	Width	Height	Weight	
	2788 mm	1100 mm	1901 mm	1802 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 × 127 mm
Compression Ratio	17.25
Frequency Regulation , steady state	±0.5%
Governor Type	Direct
Total Oil Capacity w/Filters	8.0 L
Coolant Capacity	13 L

ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA43.2L8
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	0.27m³/s(50Hz)

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

CONTROL PANEL

ComAp	InteliLite 4 AMF9

KEY FEATURES

- Easy configuration with InteliConfig
- 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