

POWERLINK EP Perkins Series Diesel Generator with Leroy Somer Alternator



Model: **PP20S-AU**
 Frequency: **50Hz**
 Fuel type: **Diesel**
 Powered by: **PERKINS SERIES**

240V-50Hz-1Phase

- 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	PP20S-AU			
Power(ESP)	kVA/kw	22/18		
Power(PRP)	kVA/kw	20/16		
Voltage	V	240		
Fuel Consumption	Litre/hour	Fuel consumption100% (of the Prime Power)	5.0L/h	
		Fuel consumption75% (of the Prime Power)	3.8L/h	
		Fuel consumption50% (of the Prime Power)	2.7 L/h	
		Fuel consumption25% (of the Prime Power)	N/A	
Fuel Tank Capacity	Litre	140		
Noise Level	dB(A)@7m	67.0dBA		
Dimensions and Weight	Length	Width	Height	Weight
	2300 mm	863 mm	1358 mm	1028 kg

ENGINE SPECIFICATIONS

Manufacturer	Perkins
Model	404D-22G
Engine Speed Rated	1500 RPM
Cylinder /Arrangement	4
Displacement	2.216 L
Bore and Stroke	84 mm × 100 mm
Compression Ratio	23.3
Intake Resistance	≤6.4kPa
Governor Type	Indirect Injection
Total Oil Capacity w/Filters	10.6 L
Coolant Capacity	7.0 L

ALTERNATOR SPECIFICATIONS

Manufacturer	Leroy Somer LSA42.3S4
Phase	1
Power Factor	1
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	0.135m ³ /s(50HZ)
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Note: All data sheets are for reference only and subject to change without prior notice.

CONTROL PANEL

Powerlink	PLC920
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KEY FEATURES

- Standard Control Function
- Manual Engine Control Module
- Low Oil Pressure
- High Engine Temperature
- Auxiliary Shutdown
- Over Speed Protection
- Protection Hold-off Timer
- Charge Failure Warning

