

POWERLINK EP Perkins Series Diesel Generator with Leroy Somer Alternator



Model: **PP9S-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 | PP9S-AU | | | |
| Power(ESP) | kVA/kw | 10/8 | | |
| Power(PRP) | kVA/kw | 9/7 | | |
| Voltage | V | 240 | | |
| Fuel Consumption | Litre/hour | Fuel consumption100% (of the Prime Power) | 2.6 L/h | |
| | | Fuel consumption75% (of the Prime Power) | 2.0 L/h | |
| | | Fuel consumption50% (of the Prime Power) | 1.5 L/h | |
| | | Fuel consumption25% (of the Prime Power) | N/A | |
| Fuel Tank Capacity | Litre | 100 | | |
| Noise Level | dB(A)@7m | 66.4dBA | | |
| Dimensions and Weight | Length | Width | Height | Weight |
| | 1832 mm | 830 mm | 1208 mm | 645 kg |

ENGINE SPECIFICATIONS

| | |
|-------------------------------------|--------------------|
| Manufacturer | Perkins |
| Model | 403A-11G |
| Engine Speed Rated | 1500 RPM |
| Cylinder /Arrangement | 3 |
| Displacement | 1131L |
| Bore and Stroke | 77 mm × 81 mm |
| Compression Ratio | 23 |
| Intake Resistance | ≤6.4kPa |
| Governor Type | Indirect Injection |
| Total Oil Capacity w/Filters | 4.9 L |
| Coolant Capacity | 5.2 L |

PROUDLY 100% AUSTRALIAN OWNED

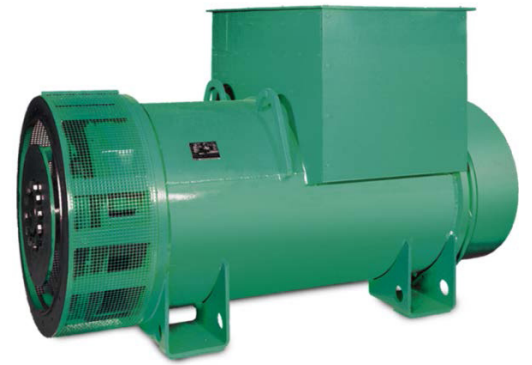
**MACFARLANE
GENERATORS**
ESTABLISHED 1949

Power Anywhere Anytime | PP9S-AU | 02.2022

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ALTERNATOR SPECIFICATIONS

| | |
|---------------------------------------|---------------------|
| Manufacturer | Leroy Somer LSA40S3 |
| Phase | 1 |
| Power Factor | 1 |
| Bearing | 1 |
| Exciter type | Brushless |
| Insulation : Class , temperature rise | H |
| Degree of protection | IP23 |
| AVR model | R221 |
| Altitude | ≤1000m |
| Winding Pitch | 2/3 |
| Overspeed | 2250rpm |



AIR SYSTEM

| | |
|-----------------|------------------------------|
| Engine Air Flow | 0.11 m ³ /s(50Hz) |
|-----------------|------------------------------|

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

CONTROL PANEL

| | |
|-----------|--------|
| Powerlink | PLC920 |
|-----------|--------|

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



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