

PR165P-SAE

PR Power Diesel Generator Specifications



Generator image used for illustration purposes only

PR Power's range of diesel generators have been designed and manufactured to meet Australian and European standards and are available for sale Australia wide.

The PR165P-SAE is a three phase, sound attenuated unit complete with lockable access doors and control panel. Additional accessories or modifications are also available on request.

In addition to the PR range of generators, PR Power also have available mobile lighting towers and water solution equipment Australia wide.

For more information on our range of generators and other equipment contact our office today on 1300 399 499 or visit our website at www.prpower.com.

KEY FEATURES

- Fully lockable access doors and control panel
- Super quiet, sound attenuated enclosure, to exceed industry standards
- 12v set mounted battery, with lockable isolator
- 24hr run, bunded base fuel tank (Comply to AS1940-2004 and EPA 2012 standards)
- External fill, lockable fuel cap
- Fuel contents gauge
- 415v hardwire connection protected by 4 pole circuit breaker
- Emergency stop button
- Manual oil drain pump
- Central lifting point, forklift pockets and dragging lug points
- Long lasting, heavy duty powder coated finish
- Engine/alternator resiliently mounted on steel base frame

TECHNICAL DATA

GENERATOR SPECIFICATIONS

| | |
|---------------------------|-----------------------|
| Type | Synchronous |
| Three phase (Prime) power | 150kVA/120kW |
| Voltage/Frequency | 415V/50Hz |
| Amps | 209A |
| Insulation Class | H |
| Protection | IP23 |
| Alternator Brand | Brushless Leroy Somer |
| Alternator Model | LSA44.3L10 |

ENGINE SPECIFICATIONS

| | | |
|------------------|----------------------|---------|
| Engine type | Perkins 1106A-70TAG2 | |
| Cylinders | 6 | |
| Displacement | 7.01L | |
| Engine speed | 1500rpm | |
| Intake System | Turbocharged | |
| Cooling system | 50°C | |
| Coolant Capacity | 21L | |
| Oil Capacity | 16.5L | |
| Governor | Electric | |
| Fuel type | Diesel | |
| Starting system | 12V electric | |
| Fuel Consumption | 100% | 50% |
| | 43.5L/h | 23.7L/h |

GENERAL SPECIFICATIONS

| | |
|--|---|
| Sound pressure level | TBC |
| Fuel tank capacity | 1087L |
| Controller | Deep Sea 7420 |
| Auto Engine Protection Shutdown (Deep Sea Control Panel) | <ul style="list-style-type: none"> ▪ RS485 output ▪ Auto remote ▪ Manual Start ▪ Robust digital display package ▪ Easy menu navigation ▪ Advanced protection technology |
| Generator Including Enclosure - Dimensions | |
| Dimensions (LxWxH) | 3518 x 1222 x 2153mm |
| Dry Weight | 2822kg |

Standby Rating: These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).

Prime Rating: These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

Standard Reference Conditions: Standard reference conditions 25°C (77°F) air inlet temp, 100m (328ft) A.S.L 30% relative humidity. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, Class A2.

Note: kVA ratings subject to ambient temperature/altitude/site conditions. Engine kW rating may vary +/- 3%.

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