

# PR1650P-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 PR1650P-SAE is a three phase, robust, containerised unit, ideally suited for mining, construction and rental applications. Additional accessories or modifications, including parallel and synchronising functions, 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](http://www.prpower.com).

### KEY FEATURES

- Designed and manufactured in accordance with ISO668 Series Freight Containers
- 4x 12v set mounted battery, with lockable isolator
- 8hr run, bunded base fuel tank to contain all fluid spills (Comply to AS1940-2004 and EPA 2012 standards)
- External fill and connection points
- External fluid drain points
- Internal lighting
- Lockable access doors on both sides, with internal door release
- Emergency stop button located on either side of the unit
- Power cable exit via a non-ferrous gland plate in the container wall
- Corner fittings to to ISO1161. Four point lifting
- Long lasting, heavy duty powder coated finish
- Fork lift pockets
- Engine/alternator resiliently mounted on steel base frame
- Internally mounted and lagged exhaust system

### TECHNICAL DATA

#### GENERATOR SPECIFICATIONS

Type	Synchronous
Three phase (Prime) power	1500kVA/1200kW
Voltage/Frequency	415V/50Hz
Amps	2087A
Insulation Class	H
Protection	IP23
Alternator Brand	Brushless Leroy Somer
Alternator Model	LSA50.2L8

#### ENGINE SPECIFICATIONS

Engine type	Perkins 4012-46TAG2A	
Cylinders	12 inline	
Displacement	45.84L	
Engine speed	1500rpm	
Intake System	Turbocharged	
Cooling system	50°C	
Coolant Capacity	210L	
Oil Capacity	177L	
Fuel type	Diesel	
Fuel Consumption	100%	50%
	285.9L/h	153.9L/h

#### GENERAL SPECIFICATIONS

Sound pressure level	75.6dBA@7m
Fuel tank capacity	2400L
Controller	Deep Sea 7420
Auto Engine Protection Shutdown (Deep Sea Control Panel)	<ul style="list-style-type: none"> <li>RS485 output</li> <li>Auto remote</li> <li>Manual Start</li> <li>Robust digital display package</li> <li>Easy menu navigation</li> <li>Advanced protection technology</li> </ul>
Generator Including Enclosure - Dimensions	
Dimensions (LxWxH)	12,192 x 2438 x 3150mm
Dry Weight	20,312kg approx.

**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%.

t. 1300 399 499

e. [sales@prpower.com](mailto:sales@prpower.com) | w. [www.prpower.com](http://www.prpower.com)

**PRPOWER**  
Performance and Reliability