

PR450P-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 PR450P-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
- 24v 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	400kVA/320kW
Voltage/Frequency	415V/50Hz
Amps	556A
Insulation Class	H
Protection	IP23
Alternator Brand	Brushless Leroy Somer
Alternator Model	LSA47.2S4

ENGINE SPECIFICATIONS

Engine type	Perkins 2206C-E13TAG3	
Cylinders	6	
Displacement	12.5L	
Engine speed	1500rpm	
Intake System	Turbocharged	
Cooling system	50°C	
Coolant Capacity	51.4L	
Oil Capacity	40L	
Fuel type	Diesel	
Starting system	Electric	
Fuel Consumption	100%	50%
	85L/h	46L/h

GENERAL SPECIFICATIONS

Sound pressure level	83dBA@7m (100% load)
Fuel tank capacity	1650L
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 1363 x 2153mm
Dry Weight	4883kg

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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Performance and Reliability