

# PR46C-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 PR46C-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](http://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
- 40hr 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	42kVA/34kW	
Voltage/Frequency	415V/50Hz	
Amps	60A	
Insulation Class	H	
Protection	IP23	
Alternator Brand	Brushless Stamford	
Alternator Model	PI144K	
ENGINE SPECIFICATIONS		
Engine type	Cummins 4BT3.9G1	
Cylinders	4	
Engine speed	1500rpm	
Intake System	Turbcharged	
Cooling system	50°C	
Coolant Capacity	20.8L	
Oil Capacity	10.9L	
Governor	Mechanical	
Fuel type	Diesel	
Starting system	24V electric	
Fuel Consumption	100%	50%
	9L/h	5L/h
GENERAL SPECIFICATIONS		
Sound pressure level	68dBA@7m	
Fuel tank capacity	270L	
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 (Approx.)		
Dimensions (LxWxH)	2588 x 1100 x 1700mm	
Dry Weight	1448kg	

**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