## PR275C-SAE

## PR Power Diesel Generator Specifications



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

The PR275C-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)
- Internal fill, lockable fuel cap
- Fuel contents gauge
- 415v hardwire connection protected by 4 pole circuit breaker
- Emergency stop button
- Manual oil and coolant 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

Type Synchronous Type Synchronous Three phase (Prime) power Voltage/Frequency 415V/50Hz Amps 347.8A Insulation Class H Protection IP23 Alternator Brand Brushless Stamford Alternator Model UCD274K ENGINE SPECIFICATIONS Engine type Cummins 6LTAA8.9-G2 Cylinders 6 Displacement 8.9L Engine speed 1500rpm Intake System Turbocharged, Naturally Apsirated Cooling system 50°C Coolant Capacity 50.3L Oil Capacity 27.6L Governor Electronic Fuel type Diesel Starting system 24V electric Fuel Consumption Fuel tank capacity 1300L GENERAL SPECIFICATIONS Sound pressure level 75 dBA@7m Fuel tank capacity 1300L Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions Dimensions (LxWxH) Dry Weight 3121kg approx.	TECHNICAL DATA			
Three phase (Prime) power  Voltage/Frequency Amps Amps 347.8A  Insulation Class Protection Alternator Brand Alternator Model UCD274K  ENGINE SPECIFICATIONS Engine type Cylinders Displacement Engine speed Intake System Cooling system Coolant Capacity Oil Capacity Starting system Starting system Fuel Consumption Fuel tank capacity Fuel tank capacity Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions Dimensions (LxWxH)  347.8A  H H H H H H H H H H H H H H H H H H	GENERATOR SPECIFICATIONS			
Voltage/Frequency Amps 347.8A  Insulation Class H  Protection IP23  Alternator Brand Brushless Stamford  Alternator Model UCD274K  ENGINE SPECIFICATIONS  Engine type Cummins 6LTAA8.9-G2  Cylinders 6  Displacement 8.9L  Engine speed 1500rpm  Intake System Turbocharged, Naturally Apsirated  Cooling system 50°C  Coolant Capacity 50.3L  Oil Capacity 27.6L  Governor Electronic  Fuel type Diesel  Starting system 24V electric  Fuel Consumption Fuel tank capacity 1300L  Generator Including Enclosure - Dimensions  Dimensions (LxWxH) 3592 x 1456 x 2237mm	Туре	Synchronous		
Amps 347.8A  Insulation Class H  Protection IP23  Alternator Brand Brushless Stamford  Alternator Model UCD274K  ENGINE SPECIFICATIONS  Engine type Cummins 6LTAA8.9-G2  Cylinders 6  Displacement 8.9L  Engine speed 1500rpm  Intake System Turbocharged, Naturally Apsirated  Cooling system 50°C  Coolant Capacity 50.3L  Oil Capacity 27.6L  Governor Electronic  Fuel type Diesel  Starting system 24V electric  Fuel Consumption Fuel tons Sound pressure level 75 dBA@7m  Fuel tank capacity 1300L  Controller Deep Sea 7420  **RS485 output**  **Auto Engine Protection Shutdown (Deep Sea Control Panel)  Dimensions (LxWxH) 3592 x 1456 x 2237mm	Three phase (Prime) power	250kVA/200kW		
Insulation Class Protection IP23 Alternator Brand Alternator Model UCD274K ENGINE SPECIFICATIONS Engine type Cummins 6LTAA8.9-G2 Cylinders 6 Displacement 8.9L Engine speed 1500rpm Intake System Iurbocharged, Naturally Apsirated Cooling system Cooling system Cooling system Oil Capacity Fuel type Starting system Fuel Consumption Fuel type Diesel Starting system Fuel Consumption Fuel type Controller Fuel type Diesel Starting system Fuel Consumption Fuel System Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Controller Deep Sea 7420  RS485 output Auto remote Manual Start Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection Echnology Generator Including Enclosure - Dimensions	Voltage/Frequency			
Protection Alternator Brand Brushless Stamford  Alternator Model UCD274K  ENGINE SPECIFICATIONS  Engine type Cummins 6LTAA8.9-G2  Cylinders 6  Displacement 8.9L  Engine speed 1500rpm  Intake System Turbocharged, Naturally Apsirated  Cooling system 50°C  Coolant Capacity 50.3L  Oil Capacity 27.6L  Governor Electronic  Fuel type Diesel  Starting system 24V electric  Fuel Consumption 50L/h 25.6L/h  GENERAL SPECIFICATIONS  Sound pressure level 75 dBA@7m  Fuel tank capacity 1300L  Controller Deep Sea 7420  **RS485 output** - Auto remote - Manual Start** - Robust digital display package - Easy menu navigation - Advanced protection technology  Generator Including Enclosure - Dimensions  Dimensions (LxWxH) 3592 x 1456 x 2237mm	Amps			
Alternator Brand Alternator Model UCD274K  ENGINE SPECIFICATIONS  Engine type Cummins 6LTAA8.9-G2  Cylinders 6 Displacement 8.9L Engine speed Intake System Iurbocharged, Naturally Apsirated Cooling system Coolant Capacity Oil Capacity Fuel type Starting system Fuel Consumption Fuel type Fuel tank capacity Fuel tank capacity  Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel) Cenerator Including Enclosure - Dimensions Dimensions (LxWxH)  By Cummins 6LTAA8.9-G2 Cummins Stamford UCD274K UCD274 Unmins 6LTAA8.9-G2 Unmins 6LTAA8.9-CE Unmins 6LTA	Insulation Class	Н		
Alternator Model  ENGINE SPECIFICATIONS  Engine type	Protection	IP23		
Engine type Cummins 6LTAA8.9-G2 Cylinders 6 Displacement 8.9L Engine speed 1500rpm Intake System Turbocharged, Naturally Apsirated Cooling system 50°C Coolant Capacity 50.3L Oil Capacity 27.6L Governor Electronic Fuel type Diesel Starting system 24V electric  Fuel Consumption 50L/h 25.6L/h  GENERAL SPECIFICATIONS Sound pressure level 75 dBA@7m Fuel tank capacity 1300L Controller Deep Sea 7420  RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Pimensions (LxWxH) 3592 x 1456 x 2237mm	 Alternator Brand	Brushless Stamford		
Engine type Cummins 6LTAA8.9-G2  Cylinders Displacement 8.9L Engine speed Intake System Intake System Cooling system Cooling system Oil Capacity Oil Capacity Electronic Fuel type Starting system Fuel Consumption Fuel Consumption Fuel tank capacity Fuel tank capacity Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel) Diensions (LxWxH) Commensions Sound pressons Dimensions (LxWxH) Sound Panel) Controller Commensions Sound pressons Sound	Alternator Model	UCD274K		
Cylinders Displacement Engine speed Intake System Intake System Cooling system Coolant Capacity Oil Capacity Fuel type Starting system Fuel Consumption Fuel tank capacity Fuel tank capacity Toolant Capacity Too	ENGINE SPECIFICATIONS			
Displacement Engine speed 1500rpm  Intake System Turbocharged, Naturally Apsirated  Cooling system 50°C  Coolant Capacity 50.3L  Oil Capacity 27.6L  Governor Electronic  Fuel type Diesel  Starting system 24V electric  Fuel Consumption 50L/h 25.6L/h  GENERAL SPECIFICATIONS  Sound pressure level 75 dBA@7m  Fuel tank capacity 1300L  Controller Deep Sea 7420  RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel)  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH) 3592 x 1456 x 2237mm	Engine type	Cummins 6LTAA8.9-G2		
Engine speed Intake System Intake System Cooling system Cooling system Cooling System Soor Coolant Capacity Oil Capacity So.3L Oil Capacity Electronic Fuel type Starting system Starting system Fuel Consumption Fuel Consumption  GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Fuel tank capacity Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions Dimensions (LxWxH)  Tooling Turbocharged, Naturally Apsirated  100°C 1	Cylinders	6		
Intake System  Cooling system  Cooling system  Coolant Capacity  Oil Capacity  Fuel type  Starting system  Fuel Consumption  Generator Including Enclosure - Dimensions  Cooling System  Turbocharged, Naturally Apsirated  Torbocharged, Naturally Apsirated  Turbocharged, Passiral Apsirated  Turbocharged, Naturally Apsirated  Turbocharged, Passiral Apsirated  Turbocharged, Naturally Apsirated  Turbocharged, Passirated  Turbocharged, Pas	Displacement	8.9L		
Cooling system 50°C  Coolant Capacity 50.3L  Oil Capacity 27.6L  Governor Electronic  Fuel type Diesel  Starting system 24V electric  Fuel Consumption 50L/h 25.6L/h  GENERAL SPECIFICATIONS  Sound pressure level 75 dBA@7m  Fuel tank capacity 1300L  Controller Deep Sea 7420  RS485 output  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH) 3592 x 1456 x 2237mm	Engine speed	1500rpm		
Coolant Capacity Oil Capacity 27.6L Governor Electronic Fuel type Diesel Starting system Fuel Consumption  GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions Dimensions (LxWxH)  Sound Pressure Sound Pressure - Dimensions Dimensions (LxWxH)  50.3L 27.6L 100% 50% 50L/h 25.6L/h 300L 25.6L/h 25.6L/h 25.6L/h 300L 25.6L/h 300L 26.25.6L/h 300L 300L 300L 300L 300L 300L 300L 300	Intake System	_		
Oil Capacity Governor Electronic  Fuel type  Starting system  24V electric  100% 50% 50L/h 25.6L/h  GENERAL SPECIFICATIONS  Sound pressure level Fuel tank capacity  Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH)  Electronic  100% 50% 50L/h 25.6L/h 25.6L/h  100% 50% 50L/h 25.6L/h 26.CL/h	Cooling system	50°C		
Governor Fuel type  Starting system  Fuel Consumption  Fuel Consumption  GENERAL SPECIFICATIONS  Sound pressure level Fuel tank capacity  Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH)  Electronic  100% 50% 50L/h 25.6L/h  25.6L/h  Deep Sea 7420  RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology	Coolant Capacity	50.3L		
Fuel type  Starting system  Fuel Consumption  Fuel Consumption  GENERAL SPECIFICATIONS  Sound pressure level Fuel tank capacity  Controller  Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH)  Down 50%  50L/h 25.6L/h 25.6L/h  75 dBA@7m  1300L  RS485 output  Auto remote  Manual Start  Robust digital display package  Easy menu navigation  Advanced protection technology  Generator Including Enclosure - Dimensions	Oil Capacity	27.6L		
Starting system  Fuel Consumption  Fuel Consumption  GENERAL SPECIFICATIONS  Sound pressure level Fuel tank capacity  Controller  Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH)  100% 50% 50k 50k 50L/h 25.6L/h 25.6L/h 25.6L/h  Page 74  RS48@7m  RS485 output  Auto remote  Manual Start  Robust digital display package  Easy menu navigation  Advanced protection technology  Generator Including Enclosure - Dimensions	Governor	Electronic		
Fuel Consumption  Fuel Consumption  GENERAL SPECIFICATIONS  Sound pressure level Fuel tank capacity  Controller  Controller  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH)  To db 25.6L/h  25.6L/h  25.6L/h  25.6L/h  25.6L/h  25.6L/h  Advanced rm  25.6L/h  Advanced  RS480 output  Auto remote  Manual Start  Robust digital display package  Easy menu navigation  Advanced protection technology  Generator Including Enclosure - Dimensions	Fuel type	Diesel		
Fuel Consumption  GENERAL SPECIFICATIONS  Sound pressure level  Fuel tank capacity  Controller  Controller  Peep Sea 7420  RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH)  Double 1300L  RS480 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology  Generator Including Enclosure - Dimensions	Starting system	24V electric		
GENERAL SPECIFICATIONS  Sound pressure level 75 dBA@7m  Fuel tank capacity 1300L  Controller Deep Sea 7420  RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel)  (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH) 3592 x 1456 x 2237mm	Fuel Consumption	100%	50%	
Sound pressure level 75 dBA@7m  Fuel tank capacity 1300L  Controller Deep Sea 7420  RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology  Generator Including Enclosure - Dimensions  Dimensions (LxWxH) 3592 x 1456 x 2237mm		50L/h	25.6L/h	
Fuel tank capacity  Controller  Deep Sea 7420  RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel)  Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Dimensions (LxWxH)  Deep Sea 7420  RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology  Generator Including Enclosure - Dimensions	GENERAL SPECIFICATIONS			
Controller  Deep Sea 7420  RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology  Generator Including Enclosure - Dimensions  Dimensions (LxWxH)  Deep Sea 7420  RS485 output  Robust digital display package Easy menu navigation Advanced protection technology  Generator Including Enclosure - Dimensions	Sound pressure level	75 dBA@7m		
RS485 output  Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Limensions (LxWxH)  RS485 output  Auto remote  Robust digital display package  Easy menu navigation  Advanced protection technology  Generator Including Enclosure - Dimensions	Fuel tank capacity	1300L		
Auto Engine Protection Shutdown (Deep Sea Control Panel)  Generator Including Enclosure - Dimensions  Auto remote  Manual Start  Robust digital display package  Easy menu navigation  Advanced protection technology  Generator Including Enclosure - Dimensions  3592 x 1456 x 2237mm	Controller	Deep Sea 7420		
Dimensions (LxWxH) 3592 x 1456 x 2237mm		<ul> <li>Auto remote</li> <li>Manual Start</li> <li>Robust digital display package</li> <li>Easy menu navigation</li> <li>Advanced protection</li> </ul>		
	Generator Including Enclosure - Dimensions			
Dry Weight 3121kg approx.	Dimensions (LxWxH)	3592 x 1456 x	2237mm	
	Dry Weight	3121kg appro	3121kg 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.

Standard Neterence Conditions: Standard reference Conditions 25°C (7/\*F) air filled terrip, 100m (32st) (A.S., 30% fedative number) 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

