PR33P-SAE

PR Power Diesel Generator Specifications



Generator image used for illustration purposes only

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 PR33P-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

Type Synchronous Type Synchronous Three phase (Prime) power 30kVA/24kW Voltage/Frequency 415V/50Hz Amps 42A Insulation Class H Protection IP23 Alternator Brand Brushless Leroy Somer Alternator Model LSA42.2L9 ENGINE SPECIFICATIONS Engine type Perkins 1103A-33G Cylinders 3 Displacement 3.3L Engine speed 1500rpm Intake System Naturally Aspirated Cooling system Sooc Coolant Capacity 10.2L Oil Capacity 8.3L Governor Mechanical Fuel type Diesel Starting system 12V electric Fuel Consumption Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level 60dBA@7m (100% load) Fuel tank capacity 10eep Sea 7420 RAVANCE PROME Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm Dry Weight 1345kg	TECHNICAL DATA	
Three phase (Prime) power Voltage/Frequency Amps Amps 42A Insulation Class Protection Alternator Brand Alternator Model ENGINE SPECIFICATIONS Engine type Coling system Cooling system Cooling system Cooling system Fuel type Starting system Fuel Consumption Fuel tank capacity Fuel tank capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Dimensions (LxWxH) Dimensions (LxWxH) Dissal Auto Engine Englosure - Dimensions (Approx.) Insulation IP23 Alternator Machanical Fuel type Auto Engine Protection Fuel Consumption Amps Auto Engine Protection Score Coelant Capacity Auto Engine Protection Shutdown Coenerator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	GENERATOR SPECIFICATIONS	
Voltage/Frequency	Туре	Synchronous
Amps 42A Insulation Class H Protection IP23 Alternator Brand Brushless Leroy Somer Alternator Model LSA42.2L9 ENGINE SPECIFICATIONS Engine type Perkins 1103A-33G Cylinders 3 Displacement 3.3L Engine speed 1500rpm Intake System Naturally Aspirated Cooling system 50°C Coolant Capacity 10.2L Oil Capacity 8.3L Governor Mechanical Fuel type Diesel Starting system 12V electric Fuel Consumption 100% 50% 7.1L/h 3.9L/h GENERAL SPECIFICATIONS Sound pressure level 60dBA@7m (100% load) Fuel tank capacity 360L Controller Deep Sea 7420 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions (Approx.) Dimensions (LXWXH) 2338 x 925 x 1701mm	Three phase (Prime) power	30kVA/24kW
Insulation Class Protection Protection Alternator Brand Alternator Model LSA42.2L9 ENGINE SPECIFICATIONS Engine type Perkins 1103A-33G Cylinders 3 Displacement Intake System Cooling system Cooling system Coolant Capacity Oil Capacity Bitting System Fuel type Starting system Fuel Consumption Fuel Consumption Fuel tank capacity Controller Fuel tank capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) Perkins 1023 Brushless Leroy Somer Brushless Leroy Somer Brushless Leroy Somer Brushless Leroy Brushless Lege Brushless Leroy Brushless Lege Brushless Lege	Voltage/Frequency	415V/50Hz
Protection Alternator Brand Alternator Model LSA42.2L9 ENGINE SPECIFICATIONS Engine type Cylinders Displacement Intake System Intake System Cooling system Cooling system Coolant Capacity Oil Capacity Starting system Fuel type Starting system Fuel Consumption Fuel tank capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Dimensions (LxWxH) Dimensions (LxWxH) Perkins 1103A-33G Perkins 1103A-33G Perkins 1103A-33G Naturally Aspirated So°C 1500rpm Naturally Aspirated Naturally Aspirated Naturally Aspirated 1500rpm Naturally Aspirated Naturally Aspirated 1500rpm Naturally Aspirated Naturally Asp	Amps	42A
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ENGINE SPECIFICATIONS Engine type Perkins 1103A-33G Cylinders 3 Displacement 3.3L Engine speed 1500rpm Intake System Naturally Aspirated Cooling system 50°C Coolant Capacity 10.2L Oil Capacity 8.3L Governor Mechanical Fuel type Diesel Starting system 12V electric Fuel Consumption 7.1L/h 3.9L/h GENERAL SPECIFICATIONS Sound pressure level 60dBA@7m (100% load) Fuel tank capacity 360L Controller Deep Sea 7420 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	Alternator Brand	Brushless Leroy Somer
Engine type Cylinders Cylinders Displacement Controller	Alternator Model	LSA42.2L9
Cylinders Displacement 3.3L Engine speed 1500rpm Intake System Cooling system Coolant Capacity Oil Capacity Starting system Fuel type Diesel Starting system Fuel Consumption Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	ENGINE SPECIFICATIONS	
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Engine speed Intake System Naturally Aspirated Cooling system 50°C Coolant Capacity 10.2L Oil Capacity 8.3L Governor Mechanical Fuel type Diesel Starting system 12V electric Fuel Consumption Fuel Consumption Fuel tank capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Dimensions (LxWxH) Intake System Naturally Aspirated Naturally Aspirated 10.2L 8.3L Mechanical 100% 50% 7.1L/h 3.9L/h 3.9L/h 60dBA@7m (100% load) Fuel tank capacity Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) 2338 x 925 x 1701mm	Cylinders	3
Intake System Cooling system Coolant Capacity Oil Capacity 8.3L Governor Mechanical Fuel type Diesel Starting system 12V electric Fuel Consumption Fuel Consumption Fuel Auto Engine Protection Shutdown (Deep Sea Control Panel) Dimensions (LxWxH) Cooling system 10.2L 8.3L Mechanical 100% 50% 7.1L/h 3.9L/h 3.9L/h 60dBA@7m (100% load) 860dBA@7m (100% load) RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	Displacement	3.3L
Cooling system Coolant Capacity 10.2L Oil Capacity 8.3L Governor Mechanical Fuel type Diesel Starting system 12V electric 100% 50% 7.1L/h 3.9L/h GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Controller Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Dimensions (LxWxH) 2338 x 925 x 1701mm	Engine speed	1500rpm
Coolant Capacity Oil Capacity 8.3L Governor Mechanical Fuel type Diesel Starting system 12V electric 100% 7.1L/h 3.9L/h GENERAL SPECIFICATIONS Sound pressure level 60dBA@7m (100% load) Fuel tank capacity 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 (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	Intake System	Naturally Aspirated
Oil Capacity 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 (Approx.) Dimensions (LxWxH) Starting system 100% 50% 7.1L/h 3.9L/h 3.9L/h 3.9L/h 0.00%	Cooling system	50°C
Fuel type Starting system Fuel Consumption Fuel Consumption 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 (Approx.) Dimensions (LxWxH) Dimensions (LxWxH) Dimensions (Deep Sea Dimensions (Approx.) Dimensions (LxWxH) Dimensions (Deep Sea Dimensions (Approx.) 2338 x 925 x 1701mm	Coolant Capacity	10.2L
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 (Approx.) Dimensions (LxWxH) 100% 50% 7.1L/h 3.9L/h 60dBA@7m (100% load) 7.1L/h 3.9L/h 8.9L/h 8.9L/h 9.9L/h 9.PL/h 9.PL/h 9.PL/h 9.PL/h 9.PL/h 9.PL/h 9.PL/h 9.PL/h	Oil Capacity	8.3L
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 (Approx.) Dimensions (LxWxH) 100% 50% 7.1L/h 3.9L/h 60dBA@7m (100% load) 360L Deep Sea 7420 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	Governor	Mechanical
Fuel Consumption Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level 60dBA@7m (100% load) Fuel tank capacity 360L Controller Deep Sea 7420 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) (Deep Sea Control Panel) Robust digital display package Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	Fuel type	Diesel
Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Controller Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) Sound pressure level 60dBA@7m (100% load) Body 60dBA@7m (100% load) Advancel protection load) RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	Starting system	12V electric
GENERAL SPECIFICATIONS Sound pressure level 60dBA@7m (100% load) Fuel tank capacity 360L Controller Deep Sea 7420 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) (Deep Sea Control Panel) Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	Fuel Consumption	100% 50%
Sound pressure level 60dBA@7m (100% load) Fuel tank capacity 360L Controller Deep Sea 7420 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm		7.1L/h 3.9L/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 (Approx.) Dimensions (LxWxH) Dimensions 360L RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.)	GENERAL SPECIF	ICATIONS
Controller Deep Sea 7420 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) Deep Sea 7420 RS485 output Robust Easy Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.)	Sound pressure level	60dBA@7m (100% load)
Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions (Approx.) RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) 2338 x 925 x 1701mm	Fuel tank capacity	360L
Auto Engine Protection Shutdown (Deep Sea Control Panel) Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions (Approx.) Dimensions (LxWxH) 2338 x 925 x 1701mm	Controller	Deep Sea 7420
Dimensions (LxWxH) 2338 x 925 x 1701mm		 Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection
Dry Weight 1345kg	Dimensions (LxWxH)	2338 x 925 x 1701mm
	Dry Weight	1345kg

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 ISC) 8528.2.

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 hours of 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

