PR550P-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 PR550P-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

GENERATOR SPECIFICATIONS Type Synchronous Three phase (Prime) power 500kVA/400kW Voltage/Frequency 415V/50Hz Amps 696A Insulation Class H Protection IP23 Alternator Brand Brushless Leroy Somer Alternator Model LSA47.2M7 ENGINE SPECIFICATIONS Engine type Perkins 2506C-E15TAG2 Cylinders 6 Displacement 15.2L Engine speed 1500rpm Intake System Turbocharged Cooling system 50°C Coolant Capacity 58L Oil Capacity 62L Governor Electric Fuel type Diesel Starting system 24V electric Fuel Consumption 100% 50% 106L/h 55L/h GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions Dimensions (IxWxH) 4592 x 1500 x 2562mm	TECHNICAL DATA		
Three phase (Prime) power Voltage/Frequency Amps 696A Insulation Class Protection IP23 Alternator Brand Alternator Model LSA47.2M7 ENGINE SPECIFICATIONS Engine type Cylinders Displacement Intake System Intake System Cooling system Coolant Capacity Governor Fuel type Starting system Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	GENERATOR SPECIFICATIONS		
Voltage/Frequency Amps 696A Insulation Class Protection IP23 Alternator Brand Alternator Model LSA47.2M7 ENGINE SPECIFICATIONS Engine type Cylinders Displacement Intake System Intake System Cooling system Coolant Capacity Fuel type Starting system Fuel Consumption Fuel tank capacity Fuel tank capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Туре	Synchronous	
Amps 696A Insulation Class H Protection IP23 Alternator Brand Brushless Leroy Somer Alternator Model LSA47.2M7 ENGINE SPECIFICATIONS Engine type Perkins 2506C-E15TAG2 Cylinders 6 Displacement 15.2L Engine speed 1500rpm Intake System Turbocharged Cooling system 50°C Coolant Capacity 58L Oil Capacity 62L Governor Electric Fuel type Diesel Starting system 24V electric Fuel Consumption 100% 50% GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Fuel tank capacity 1 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Three phase (Prime) power	500kVA/400kW	
Insulation Class Protection Protection Alternator Brand Alternator Model LSA47.2M7 ENGINE SPECIFICATIONS Engine type Perkins 2506C-E15TAG2 Cylinders Displacement 15.2L Engine speed Intake System Cooling system Cooling system Coolant Capacity Fuel type Diesel Starting system Starting system Fuel Consumption GENERAL SPECIFICATIONS Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Voltage/Frequency	415V/50Hz	
Protection Alternator Brand Alternator Model LSA47.2M7 ENGINE SPECIFICATIONS Engine type Perkins 2506C-E15TAG2 Cylinders 6 Displacement 15.2L Engine speed I500rpm Intake System Cooling system Cooling system Governor Fuel type Starting system Fuel Consumption Fuel Consumption Fuel tank capacity Controller Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Amps	696A	
Alternator Brand Alternator Model LSA47.2M7 ENGINE SPECIFICATIONS Engine type Cylinders Cylinders Displacement Intake System Intake System Cooling system Cooling system Coolant Capacity Governor Fuel type Starting system Fuel Consumption Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions Brushless Leroy Somer LSA47.2M7 Perkins 2506C-E15TAG2 Furbacine Source Furbacine Specific Starting Furbacine Specific Starting Fuel Consumption Fuel tank capacity Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Insulation Class	Н	
Alternator Model ENGINE SPECIFICATIONS Engine type Cylinders Displacement Engine speed Intake System Cooling system Coolant Capacity Governor Fuel type Starting system Fuel Consumption Fuel tank capacity Controller Fuel tank capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions Perkins 2506C-E15TAG2 Perkins 2506C-E15TAG2 Ferkins 2506C-E15TAG2 Furbora Furbora Furbocharged 15.2L 100°C Coolant Capacity 62L Governor Electric Fuel type Diesel 100% 50% 106L/h 55L/h GENERAL SPECIFICATIONS 74.4dBA@7m (100% load) Fuel tank capacity Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Protection	IP23	
Engine type Perkins 2506C-E15TAG2 Cylinders 6 Displacement 15.2L Engine speed 1500rpm Intake System Turbocharged Cooling system 50°C Coolant Capacity 58L Oil Capacity 62L Governor Electric Fuel type Diesel Starting system 24V electric Fuel Consumption 106L/h 55L/h GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Alternator Brand	Brushless Leroy Somer	
Engine type Cylinders Cylinders Displacement 15.2L Engine speed Intake System Cooling system Cooling system Coolant Capacity Governor Fuel type Starting system Turbocharged Coolant Capacity 62L Governor Electric Fuel type Diesel Starting system 24V electric Fuel Consumption Took Fuel Consumption Fuel tank capacity Controller Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Alternator Model	LSA47.2M7	
Cylinders Displacement Turbocharged Cooling system Sou C Coolant Capacity Governor Electric Fuel type Diesel Starting system Diesel Starting system Diesel	ENGINE SPECIFICATIONS		
Displacement Engine speed 1500rpm Intake System Turbocharged Cooling system 50°C Coolant Capacity 58L Oil Capacity 62L Governor Electric Fuel type Diesel Starting system 24V electric Fuel Consumption 100% 50% 106L/h 55L/h GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Engine type	Perkins 2506C-E15TAG2	
Engine speed Intake System Cooling system Coolant Capacity Oil Capacity Governor Fuel type 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 Intake System Turbocharged T	Cylinders	6	
Intake System Cooling system Cooling system Coolant Capacity Sal Oil Capacity Governor Electric Fuel type Starting system 24V electric Fuel Consumption Fuel Consumption Fuel Type Generator Including Enclosure - Dimensions Turbocharged 50°C Turbocharged 50°C Sal Turbocharged Turbocharged Turbocharged Turbocharged Turbocharged Turbocharged Turbocharged Turbocharged Turbocharged 50°C Sal Coll Electric 100% 50% 100L/h 55L/h Fuel Consumption 100% 50% 106L/h 55L/h Deep Sea 7320 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Displacement	15.2L	
Cooling system Coolant Capacity S8L Oil Capacity Governor Electric Fuel type Diesel Starting system 24V electric 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	Engine speed	1500rpm	
Coolant Capacity Oil Capacity Governor Electric Fuel type Diesel Starting system Puel Consumption GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions Fuel tank Capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Intake System	Turbocharged	
Oil Capacity Governor Electric Fuel type Diesel Starting system 24V electric Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto remote Manual Start Robust digital display package Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Cooling system	50°C	
Fuel type Diesel Starting system 24V electric Fuel Consumption 100% 50% GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Coolant Capacity	58L	
Fuel type Starting system Puel Consumption Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Controller Auto Engine Protection Shutdown (Deep Sea Control Panel) Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Oil Capacity	62L	
Starting system Puel Consumption Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level Fuel tank capacity Controller Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Governor	Electric	
Fuel Consumption Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Fuel type	Diesel	
Fuel Consumption GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Starting system	24V electric	
GENERAL SPECIFICATIONS Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto Engine Protection Shutdown (Deep Sea Control Panel) Auto Engine Protection Shutdown (Deep Sea Control Panel) Generator Including Enclosure - Dimensions	Fuel Consumption	100% 50%	
Sound pressure level 74.4dBA@7m (100% load) Fuel tank capacity 1600L Controller Deep Sea 7320 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions		106L/h 55L/h	
Fuel tank capacity Controller Deep Sea 7320 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	GENERAL SPECIF	ICATIONS	
Controller Deep Sea 7320 RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Sound pressure level	74.4dBA@7m (100% load)	
RS485 output Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Fuel tank capacity	1600L	
Auto Engine Protection Shutdown (Deep Sea Control Panel) (Deep Sea Control Panel) Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection technology Generator Including Enclosure - Dimensions	Controller	Deep Sea 7320	
	•	 Auto remote Manual Start Robust digital display package Easy menu navigation Advanced protection 	
Dimensions (LxWxH) 4592 x 1500 x 2562mm			
	Dimensions (LxWxH)	4592 x 1500 x 2562mm	
Dry Weight 5259kg	Dry Weight	5259kg	

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

