

# CRUISE 500-1000

## MARINE AC DIESEL GENERATOR

**ENIQUEST**  
AUSTRALIAN MADE DIESEL GENERATORS



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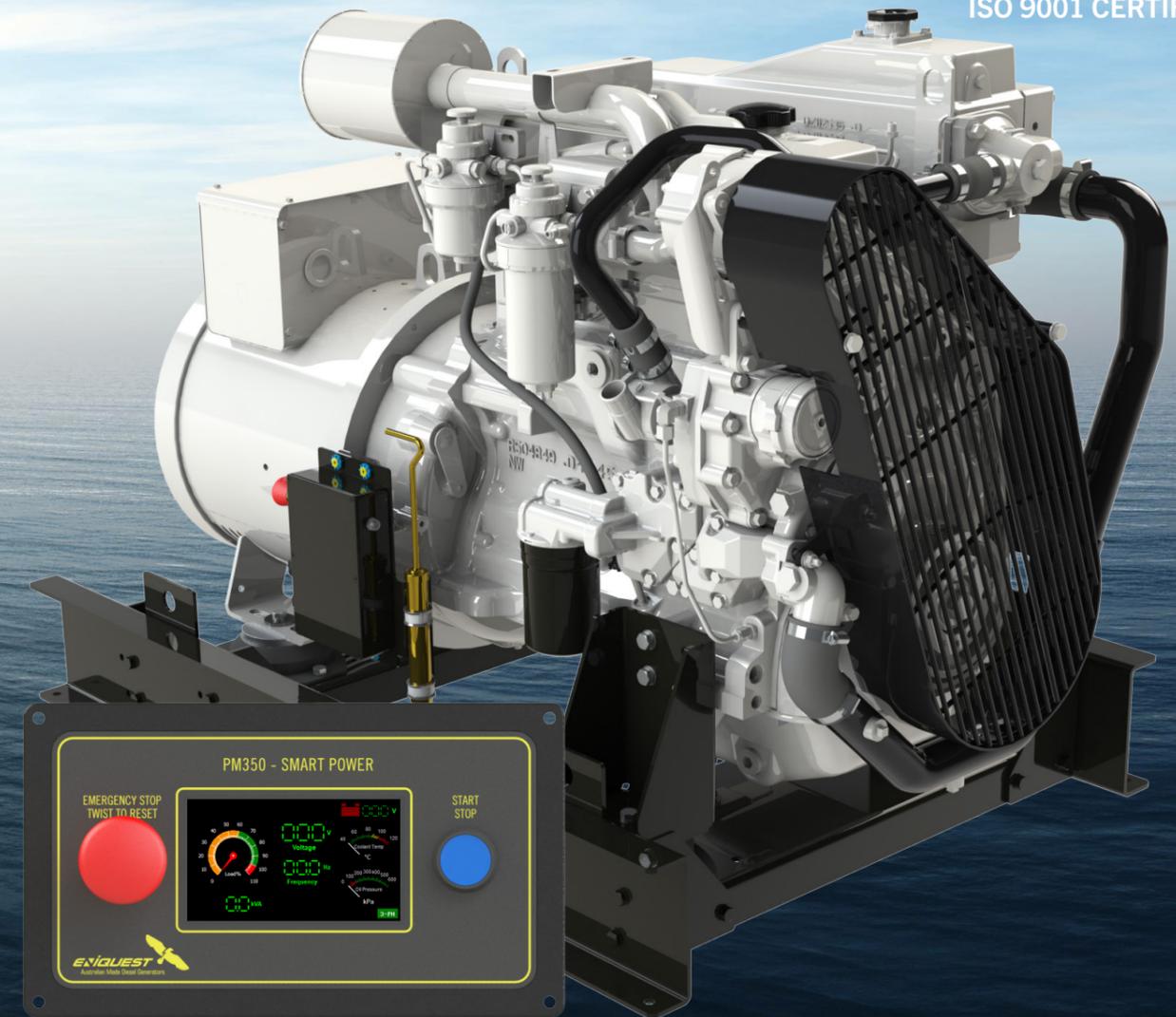
## MARINE AC DIESEL GENERATOR

ISO 9001 CERTIFIED

### Specifications

Please Note: Specifications are subject to change without notice

Model	Cruise 500	Cruise 670	Cruise 1000
Continuous Output	50kVA	67kVA	100kVA
Current @ 0.8pf	70A/Phase	94A/Phase	140A/Phase
Voltage	230/400V, 50Hz, 3 Phase		
Power Connection	Hardwire to Terminal Box		
Engine Make	John Deere Marine Series		
Engine Model	4045DF-M70	4045TF-M50	6068TF-M50
Engine Displacement	4.5L, 4 Cylinder	4.5L, 4 Cylinder	6.8L, 6 Cylinder
Aspiration	Natural	Turbocharged	Turbocharged
Engine RPM	1500 rpm		
Fuel Type	Automotive Diesel		
Fuel Consumption (75% Load)	10.1 Litres Per Hour	14.4 Litres Per Hour	23.9 Litres Per Hour
Cooling	Heat Exchanger		
Sea Water Pump Flow	70 Litres Per Minute	68 Litres Per Minute	68 Litres Per Minute
Maximum Suction Lift	3 Metres		
Oil Type	15W40 API:CJ4/ACEA:E9 in -15°C to +50°C conditions		
Coolant Type	33% Glycol AS:2108-2004 Type A in -15°C to +50°C conditions		
Charging System	12V (No Onboard Battery)		
Service Intervals	250 Hours		
Alternator Model	MeccAlte NPE34 1S4C	MeccAlte NPE34 2M4C	MeccAlte NPE38 1S4C
Alternator Type	4 Pole, 12 Wire, Brushless, Class H Insulation		
Voltage Control	DSR Digital AVR, Accuracy within ± 1%		
Alternator Efficiency	89%	90%	90%
THD %	<2%	<2%	<2%
Controller	Eniquest PM350 with Engine Protection, Remote Monitoring with Panel Mount Touchscreen, Remote E-Stop		
Monitoring	Oil Pressure, Coolant Temperature, Frequency, AC Voltage, Charging Voltage, Engine Load		
Other Features	OLED Touchscreen Display with Multiple Display Connections, (CANBUS not supported)		
Dimensions (LxWxH)	1425 x 900 x 1005	1435 x 900 x 1005	1675 x 910 x 1015
Weight	745 kg	828 kg	1155 kg
Warranty	2 Year, 2000 Hour Warranty		



## Worlds Best Mid-Size Marine Diesel Generator

Premium Quality | Sea-Water Cooled | Highly Efficient | Extremely Compact  
Specially developed and prepared for marine application



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or call 1800 069 469



# CRUISE 500-1000 MARINE AC DIESEL GENERATOR



The Cruise AC range of diesel generators are designed and hand built in Queensland using locally sourced components. It has been developed specifically for the marine sector, with components pre-treated against the harsh salt air environments. Using a premium MeccAlte alternator, that's compact allows us to produce high quality power in a compact package. Combined with the world renowned John Deere Marine Diesel Engine, you can trust that the Cruise generator range will deliver dependable power all year round.



"At Eniquest, we believe that any diesel generator needs to be as reliable and durable as the boat itself. The Cruise range is all of this and more"

### Made in Australia, For Australia

We design, engineer and manufacture all our generators here in Queensland, all hand built by dedicated Australians.

### Powered by John Deere

Very economical and virtually bullet-proof engines, the worlds most reliable brand was the only choice to use.



### Remote Mounted Controller

The generator controller is mounted to the engine itself, and allows for multiple displays to connect to the generator.

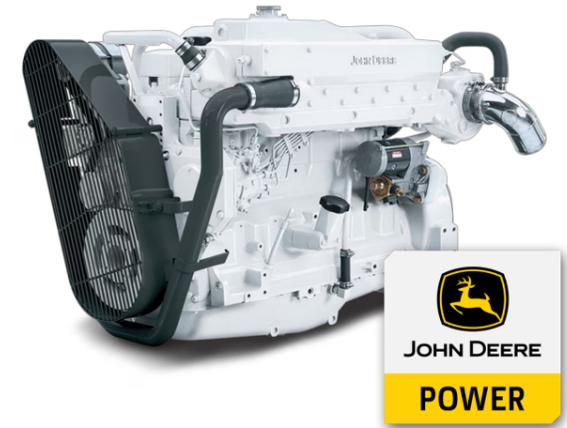
### Zinc-Rich Primed Base Frame

The base frame is primed with a zinc rich coating, then powdercoated. It provides protections similar to galvanizing.

### John Deere Engine

The Cruise 500 - 1000 range of Diesel Generators uses the world renowned John Deere Marine Diesel engines. These are as powerful and reliable in the water as they are on land, and share the same reputation for performance and reliability as the industrial and agricultural counterparts.

Thess engines are known for being bulletproof and cheap to run. Its a no-brainer decision to use these engines to deliver reliable power wherever and whenever.



### Compact MeccAlte Alternator

Using the NPE series alternators by MeccAlte, it allows us to produce high power in a compact and lightweight footprint.

### Easy Mounting

The engine and alternator sits on high quality anti-vibration mounts. These are fitted standard in a frame with the easy option to remove the frame if required.



### Simple Maintenance

All general service components are accessed to one side, with intervals every 12 months or 250 hours.

### Prepared for Marine Use

The engine and alternator are painted in a marine coating to provide as much protection to the components as possible.



### MeccAlte NPE Alternator

MeccAlte has been the industry leading brand for alternators globally, and is recognised for their ability to manufacture high quality and reliable alternators. A brand that has been in business for almost 80 years, their expertise, resilliance and global presence is one of the reasons why we chose to use these alternators.

The NPE range of alternators is unique in the market for their ability to produce a great amount of power in a compact enclosure, making sure to not have any affects on performance or reliability. They share the same technology as their traditional range of alternators and offer a weight reduction saving thats beneficial for load carrying restrictions.

### Eniquest PM350 Controller

This is the game changer for the industry. Our latest Australian designed and assembled generator controller allows the user to operate their generator anywhere on the vessel. The engine control unit (ECU) is mounted directly to the engine with anti-vibration mounts and allows for multiple display command controllers to be connected. Meaning, you can have one in the engine room with the generator, another on the deck and even a third in the cockpit.

The OLED touchscreen display features a series of information readouts for monitoring the output of your generator. A graphical display will show you information on the Oil Pressure, Water Temperature, Generator Voltage Output, Load %, Engine Speed, System Voltage and more. Any faults will be displayed in text and is a really easy to use system.

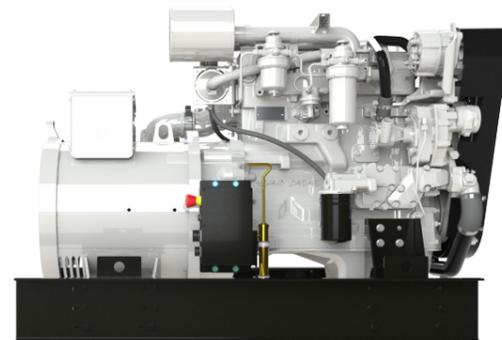
Operation is as simple as a push button start and stop, with an E-Stop switch on every display panel as well as directly on the generator for added safety. Available in an waterproof enclosure for wall mounting or can be mounted in a control panel or flush mount to a wall.



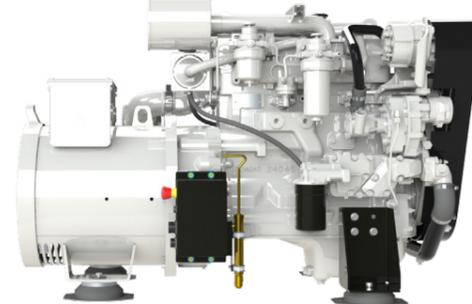
Optional Wall Mount Enclosure



**WHO ARE WE?**  
Eniquest, formally known as Watts2C, have been in the industry for over 20 years. We have provided custom generators for all types of clients around the globe including military, agriculture and emergency services. We are well known for our ability to manufacture high quality, reliable power solutions, and continue to develop the best Australian Made Generators on the market.



With Base Frame



With Base Frame Removed