



ENIQUEST
AUSTRALIAN MADE DIESEL GENERATORS



STOCKMAN 1 SERIES

7 - 22.5 kVA SEMI ENCLOSED DIESEL GENERATORS

ISO 9001 CERTIFIED



Powered by



Worlds Best Mid-Size Diesel Generator

Extremely Compact | Simple Design | Highly Efficient | Better Motor Starting
Specially developed for agricultural pumping, irrigation and reliable support power

Here at Enquest, we have experience in some of the most engineering challenging designs that any generator company has had to endure. We are well known for our ability to adapt and create a product tailored to suit a customers needs.

Originally called Watts2C back in 2004, the brand changed to Enquest in 2011 when we diversified our product range. Don Pulver the director of Enquest has been in the power generation business for over 40 years. With our popularity over the years in particular with defence, we have grown rapidly over the last 5 years. This expansion has cemented our position in the market as we continue being the preferred supplier to defence and being able to service and maintain our generators in the many years to come.



There are many different reasons why customers choose Enquest, these reasons are outlined below:

- We design and manufacture our generators in Australia, none of the generators we sell are imported.
- Our generators are fitted with only the highest quality components, most parts sourced from Australia.
- The engines used are high quality, Japanese Yanmar engines. These are known to be virtually bulletproof, simple, and easy to source service parts for.
- Most of the AC Alternators that we use are a permanent magnet setup, designed here in Australia. These are the most compact, most efficient, and importantly have no electronics to fail- a common issue with standard alternators.
- Our DC alternators are built here at our facility, a compact permanent magnet design, and the only company building these in Australia.
- The controllers used on the generators designed by us, made locally in Brisbane. They are a simple yet effective controller that will withstand the harshest conditions, with some meeting MIL Specs.
- The enclosures and most panels are high grade aluminium meaning they will not rust, especially if they get scratched or hit.
- We make some of the most quiet running generators for thier size thanks to our ability to make custom made mufflers and using premium sound insulation panels.
- Our designs are based on the theory of "keeping it simple" removing the need for complicated electronics that lead to unwanted failures and making a product that lasts.
- A multi-award winning company for design innovation.
- Our generators are proven to be some of the most reliable on the market, a main reason why we supply so many generators for defence.



Watch Our Video

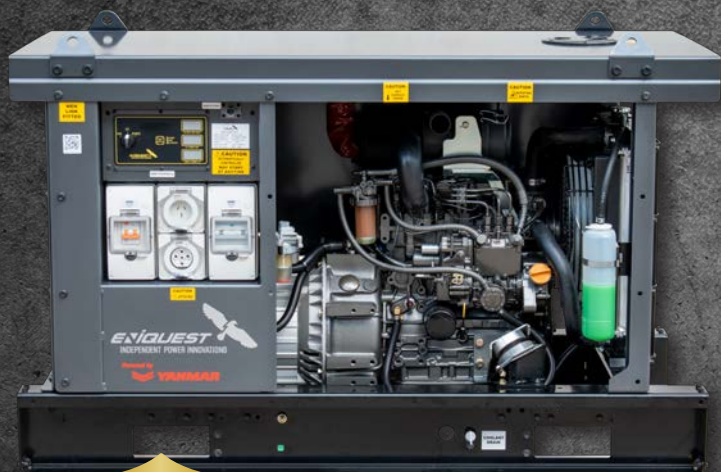
STOCKMAN 1 SEMI ENCLOSED SERIES

ABOUT THE STOCKMAN SEMI ENCLOSED

The Stockman Semi-Enclosed series of generators is world leading and were designed specifically for the agriculture sector, particularly for pumping and irrigation. The oversized permanent magnet alternators are perfect for starting bore pumps with high starting power demands without oversizing the generator. The Stockman semi enclosed has been a great addition for many farms in Australia known for its robustness in the paddocks thanks to its aluminium panels, zinc rich primed base frame and the reliability with the Yanmar engine and RFL alternators.

These generators can handle both single and three phase loads simultaneously which is unique to any other generator on the market. This is thanks to the extremely efficient permanent magnet alternator which does not require the use of an Automatic Voltage Regulator (AVR) to regulate voltages as it's able to self-regulate.

All of our generators are hand built here in Queensland using locally sourced components. With simplicity in mind, the alternator design uses no electronics to regulate voltages which is a common failpoint on most generators. It also has a pure sine wave output thats natural as there are no electronics to modify the output, perfect for sensitive electronics. The PM330 controller is designed by us and manufactured in Queensland. This is a simple, reliable and powerful design using solid state relays, LED displays and a conformal coated single circuit board layout. The best part is that it draws absolutely no power when in standby mode including remote start.



**2 YEARS / 2000 HOURS
WARRANTY**

FEATURES

- Powdercoated zinc-rich primed steel base frame
- Aluminium panels and roof
- High quality components
- Vibration reduction mounts
- Forklift pockets in base frame
- Oversize alternator for superior motor starting
- Pure and natural sine wave voltage output
- All service points from one side
- RFL Permanent Magent alternator, self regulates (No AVR)
- World renowned Yanmar industrial engine
- High-crank sealed AGM battery
- Comprehensive range of options available
- 2 Years, 2,000 hour warranty

APPLICATIONS FOR USE

The Stockman series are quite versatile units and can be used for a variety of different industries.

Applications include:

- Bore Pumping, Pivot and Irrigation
- General power for agriculture
- Mining
- Commercial
- Household Backup
- Site Power
- Vehicle or Trailer Mounted Power
- Solar and more!

GENERATOR	MOTOR (kW)	MOTOR (HP)
Stockman 70 (7.0 kVA)	2.2 - 3.6	2.9 - 4.8
Stockman 100 (10.0 kVA)	3.1 - 5.2	4.1 - 6.9
Stockman 120 (12.0 kVA)	3.7 - 6.2	4.9 - 8.3
Stockman 150 (15.0 kVA)	4.6 - 7.7	6.1 - 10.3
Stockman 200 (20.0 kVA)	6.2 - 10.3	8.3 - 13.8
Stockman 225 (22.5 kVA)	6.9 - 11.6	9.2 - 15.5

OPTIONAL EXTRAS



40L, 200L or 400L Tank

The Stockman Semi Enclosed models have no onboard tank. If an external tank is not available, our 40L internal or 200 or 400L underbase tanks are a perfect option. Bundled and non-bundled options are available.



Single Phase Power

The Stockman series are standard as three phase. For applications only requiring single phase, this option changes the alternator and configuration to suit single phase and is supplied with terminal studs.



24 Hour Countdown Timer

The easy to use digital countdown timer allows the user to set the generator to run for a pre-determined time, then shut the generator down. This replaces the need to run the fuel tank dry which creates a lot of issues.



Pump Pressure Shutdown

Want the generator to shut down when your water pressure reaches a predetermined setting. This uses a mechanical gauge that reads your water pressure and shuts the generator down when pressure is too high or too low.



7-Day Timer

The 7-Day timer is a perfect option for allowing the user to set the generator to start at any particular time and day, and shut the generator down at any time and day.



Additional Outlets

Two outlets not enough? Have two more. These outlets are added with individual RCD protection. These are surface mounted directly under the standard outlet recess.



Hardwire Terminal Studs

In some cases, it may be better to hardwire the generator, particularly if being used for backup power. This option removes the outlets, and replaces the RCBO's to standard MCB's.

* Requires electrician for installation.



E-Stop

An E-Stop may be required to meet site safety requirements. This E-stop is located in a convenient location on the generator controller.



Battery Isolator

Whilst the controller does not draw power when in standby, a battery isolator is a good addition for when servicing your generator, locking a generator out from being started or placing into long term storage.



Key Start with Basic Protection

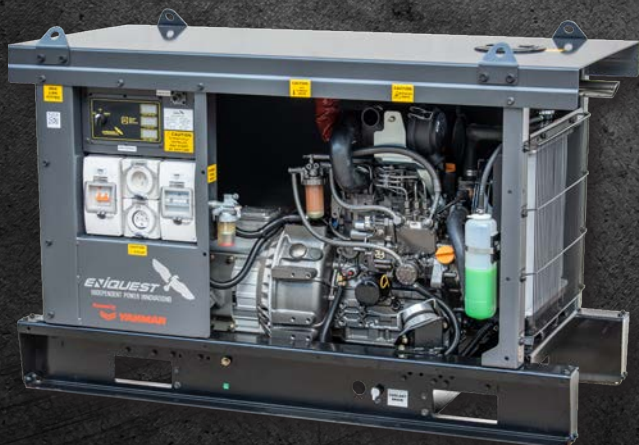
The key start option removes the controller and uses a basic key start ignition and has low oil pressure and high water temperature shutdowns. This option does not have remote start and is not compatible with the 7-day timer.



And More!

STANDARD SPECIFICATIONS

Model	Stockman 70	Stockman 100	Stockman 120	Stockman 150	Stockman 200	Stockman 225
Continuous Output	7kVA, 5.6kW	10kVA, 8.0kW	12kVA, 9.6kW	15kVA, 12.0kW	20kVA, 16kW	22.5kVA, 18.0kW
Starting Output	Up to 15kVA	Up to 30kVA			Up to 60kVA	
Voltage	230/400V 50Hz Three Phase 4 Wire or <i>Optional Single Phase</i>					
Current @ 0.8pf	10A/Phase	14A/Phase	17A/Phase	21A/Phase	28A/Phase	32A/Phase
Power Outlets	1x 20A 5 Pin, 1x 15A 3 Pin GPO			1x 32A 5 Pin, 1x 15A 3 Pin GPO		
Electrical Protection	RCBO protection, IP66 Covers, MEN Link					
Engine Make	Yanmar					
Engine Model	3TNV70-GGE	3TNV76-GGE	3TNV82A-GGE	3TNV88-GGE	4TNV88-GGE	4TNV84T-GGE
Engine Displacement	0.854L	1.116L	1.331L	1.642L	2.189L	1.995L
Cylinders	3				4	
Aspiration	Natural					Turbocharged
Engine RPM	1500					
Fuel Type	Automotive Diesel (Up to 7% Biodiesel Compatible)					
Fuel Consumption (75%)	1.35L Per Hour	1.95L Per Hour	2.20L Per Hour	2.65L Per Hour	3.38L Per Hour	3.80L Per Hour
Standard Tank Capacity	None, Optional 40L Internal, 200L or 400L Underbase					
Cooling	Water-cooled with on board radiator					
Noise (100% Load)	71 dB(A) at 7 Metres					
Service Intervals	12 Months or 250 Hours					
Alternator Model	RFL RF4-10	RFL RF4-20			RFL RF4-30	
Alternator Type	4 Pole Permanent Magnet Radial Flux					
Voltage Control	Inherent, Non-Electronic (Self Regulating)					
THD %	2.1%	2.0%			2.2%	
Alternator Rating	10kVA	20kVA			30kVA	
Alternator Efficiency	92.5%	93.9%			94.6%	
Generator Control	PM330 with 2 Wire Remote Start and Full Engine Protection					
12V Battery	450cca, 30Ah AGM				500cca, 40Ah AGM	
Maximum Operation	30° Angle -10°C to +45°C 3000m Above Sea Level					
Dimensions (LxWxH)	1425 x 669 x 918					
Weight	371kg	413kg	418kg	439kg	475kg	480kg
Warranty	2 Year, 2000 Hour Warranty					





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