



ENIQUEST
AUSTRALIAN MADE DIESEL GENERATORS



STOCKMAN 360-600

36 - 60 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.



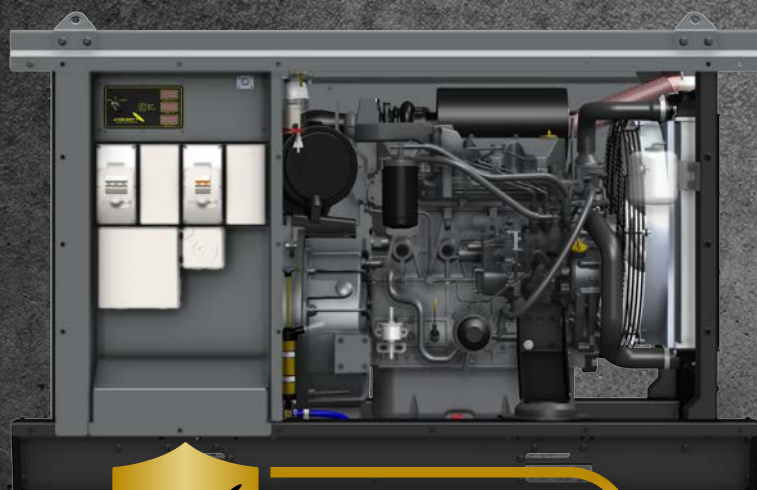
Watch Our Video

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. Using the compact series of alternators by MeccAlte, we have made the most compact generator in this segment whilst still retaining high output power. These alternators can handle up to 300% starting capacity. 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 MeccAlte 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, with an added coating over the windings for extra protection from mother nature.

All of our generators are hand built here in Queensland using locally sourced components. We only use high quality components, bending the rules a little using the most advanced technology available to us such as the compact MeccAlte alternator. 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
- Up to 300% motor starting capacity
- All service points from one side
- Compact NPE series alternator by MeccAlte
- 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 360 (36.0 kVA)	11.1 - 18.5	14.9 - 24.8
Stockman 440 (44.0 kVA)	13.6 - 22.5	18.2 - 30.1
Stockman 500 (50.0 kVA)	15.4 - 25.6	20.7 - 34.3
Stockman 600 (60.0 kVA)	18.5 - 30.8	24.8 - 41.3

OPTIONAL EXTRAS



40L or 400L Tank

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



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.



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.



Three Phase Outlets

Replace the terminal studs for two, three phase 5 pin outlets with RCBO protection. Perfect for when being used for portable power or want more flexibility.



E-Stop

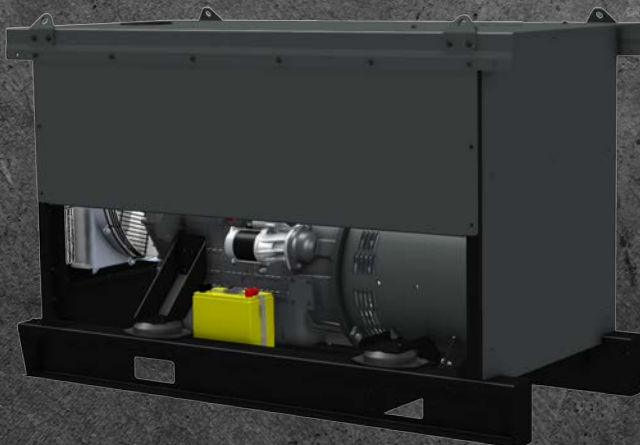
An E-Stop may be required to meet site safety requirements. This E-stop is located in a convenient location on the generator controller.



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.

And More!



STANDARD SPECIFICATIONS

Model	Stockman 360	Stockman 440	Stockman 500	Stockman 600
Continuous Output	36kVA	44kVA	50kVA	60kVA
Voltage	230/400V 50Hz Three Phase			
Current @ 0.8pf	51A/Phase	63A/Phase	72A/Phase	86A/Phase
Power Outlets	1x 15A GPO, 3 Phase Terminal Studs with Optional Outlets			
Electrical Protection	RCBO protection (GPO), MCB protection (Terminal Studs) or RCBO protection (outlets), IP66 Covers, MEN Link			
Engine Make	Yanmar			
Engine Model	4TNV98-GGE	4TNV98T-GGE	4TNV106-GGE	4TNV106T-GGE
Engine Displacement	3.319L	3.319L	4.412L	4.412L
Cylinders	4			
Aspiration	Natural	Turbocharged	Natural	Turbocharged
Engine RPM	1500			
Fuel Type	Automotive Diesel (Up to 7% Biodiesel Compatible)			
Fuel Consumption (100%)	8.3L Per Hour	9.9L Per Hour	12.5L Per Hour	13.8L Per Hour
Standard Tank Capacity	None, Optional 40L Internal 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	MeccAlte NPE34 1M4C			
Alternator Type	4 Pole, 12 Wire, Brushless, Class H Insulation			
Voltage Control	DSR Digital AVR, Accuracy within $\pm 1\%$			
THD %	2.2% - 3.0%			
Alternator Rating	60kVA			
Alternator Efficiency	91.0%	91.3%	91.0%	90.6%
Generator Control	PM330 with 2 Wire Remote Start and Full Engine Protection			
12V Battery	700cca, 60Ah AGM			
Maximum Operation	30° Angle -10°C to +45°C 3000m Above Sea Level			
Dimensions (LxWxH)	1805 x 917 x 1160			
Weight	749kg	757kg	829kg	854kg
Warranty	2 Years, 2000 Hours			



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