



**POWER TO GO
INDEPENDENT**

SOLAR | FUEL | HYBRID

SALES | SERVICE | CUSTOM

SOLAR/DIESEL HYBRID POWER



**POWERMAKER HPP3.5
POWERMAKER HPP9.0
POWERMAKER HPP18**

	HPP3.5	HPP9.0	HPP18
Hybrid	Yes	Yes	Yes
Power/Day	3.5kWh	9.0kWh	18kWh
Voltage	230V 50Hz	230V 50Hz	230V 50Hz
Storage Voltage	48V DC	48V DC	48V DC
Battery Capacity	520Ah	850Ah	1695Ah

POWER YOU CAN TRUST

- Power always guaranteed
- Lowest lifetime cost
- Looks after itself
- All in one package
- High quality uninterruptible power
- No unexpected on site installation or setup cost
- Certified for region C cyclonic winds
- Factory tested & proven
- Able to be expanded
- All powder coated aluminium construction
- Transportable power plant
- Ultra efficient DC diesel generator
- No maintenance gel solar batteries
- 2 Year limited warranty

Independent power is now easier than ever with Enquest Hybrid Power Plant. These fully self-contained power plants guarantee you clean, reliable, low cost power in all weather conditions.

With quick and easy installation, Enquest Hybrid Power Plants are delivered assembled and commissioned. Simply position, connect and switch on.

Skilfully engineered for performance and durability, these power plants include the Australian produced Enquest ultra efficient PowerMaker Ranger6.0 DC diesel generator to provide any shortfall or backup power with the least possible fuel consumption. Combine this with Australia's highest ranked solar panels, Kyocera, to provide more charge per day, and Sonnenschein low loss spiral plate storage batteries for the highest cycle life.

The PowerMaker Ranger6.0 diesel generator works smart to maximise your battery life. Set to start automatically, batteries are never discharged to a level that could contribute to premature ageing.

A perfect solution to power your remote area homestead, communications towers, monitoring and relay stations, rail or road signalling, or for any remote area site that requires guaranteed power with the least amount of fuss.

Customise your Enquest Hybrid Power Plant to suit your needs. Special voltages including DC, Ethernet or SMS reporting. Let Enquest design your system.



POWER TO GO

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The facts that you need to know about the Eniquest Hybrid Power Plant

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POWERMAKER HPP3.5

POWERMAKER HPP9.0

POWERMAKER HPP18

POWERMAKER HPP			
Model	HPP3.5	HPP9.0	HPP18
Average Power Available per Day	3.5kWh	9.0kWh	18kWh
Maximum Continuous Power	3.5kW	5.0kW	7.0kW
Output Voltage	230v 50Hz AC		
Power Storage Voltage	48V DC		
Plant Dimensions – L x W x H	3020 x 1800 x 2400	6030 x 2300 x 2800	2-off 6030 x 2300 x 2800
Weight	1100kg	1800kg	3300kg
DC Diesel Generator			
Make	Eniquest		
Model	PowerMaker Ranger 6.0		
Rated Power	6000 Watts		
Charge Voltage	56V to 59V DC programmable		
Fuel Consumption @ Full Load	1.7 Litres/hour		
Fuel Tank Capacity	95 Litres		
Noise @ Full Load @ 7m	65dBA		
Solar Panels			
Make	Kyocera		
Model	KD140SX-1FBS		
Quantity and Rating	6 x 140W	16 x 140W	32 x 140W
Total Rated Power	840W	2240W	4480W
Batteries			
Make	Sonnenschein		
Model	A602/520	A602/850	A602/1695
Technology	Strong Tubular Plate Construction, GEL VRLA, No Maintenance		
Quantity and Rating	24 x 2V, 520Ah	24 x 2V, 850Ah	24 x 2V, 1695Ah
Total Capacity @ 48V	520Ah	850Ah	1695Ah
System Battery Design Life @ 20°C	15 Years	15 Years	15 Years
MPPT Solar Regulator			
Make	Morningstar		
Model	TS45MPPT	TS60MPPT	2 x TS60MPPT
Rated Current	45A	60A	120A

ENIQUEST HPP SCHEMATIC

