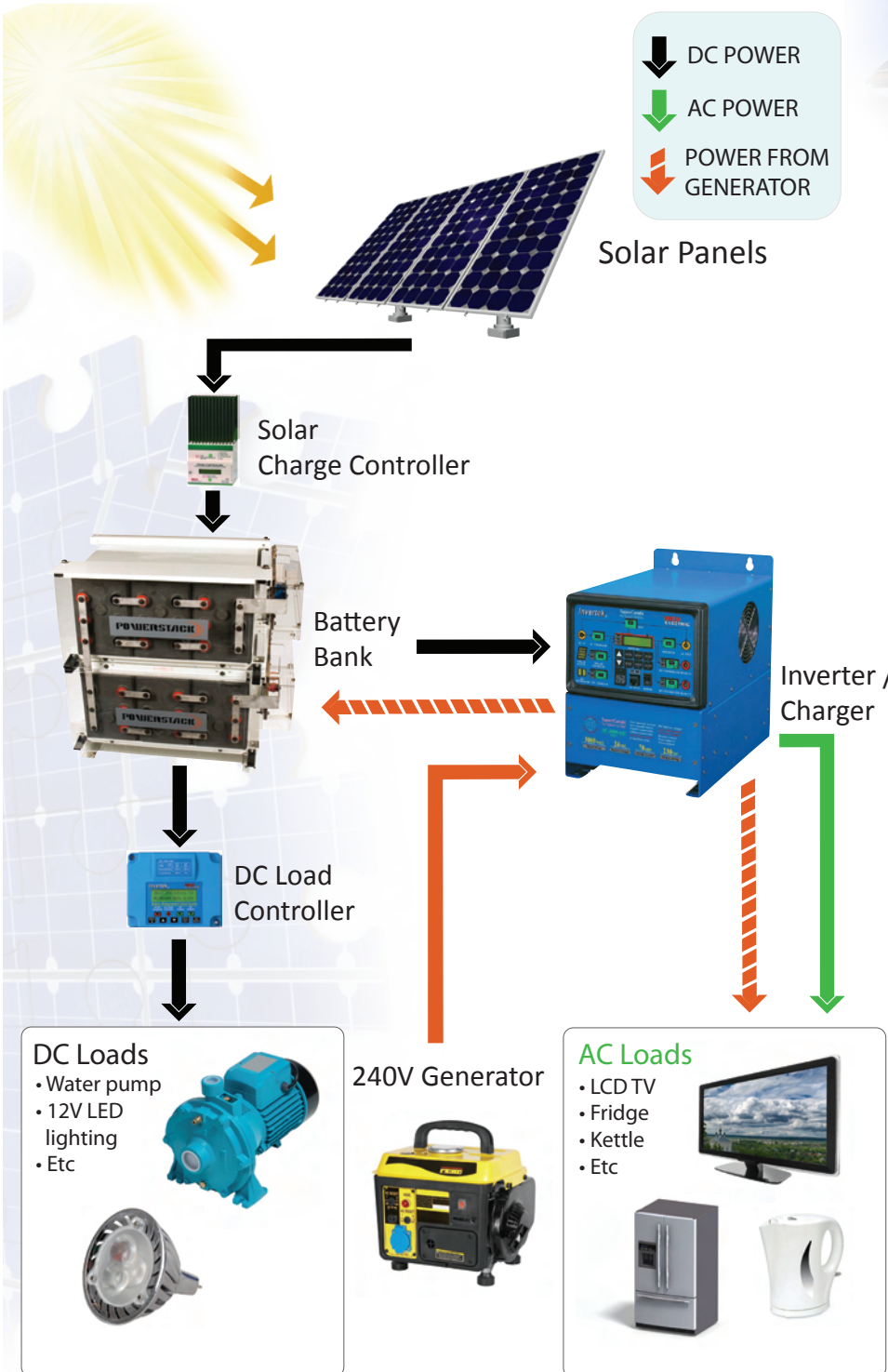


Remote Power Package Systems

For those living in locations where mains electricity isn't available, or is prohibitively expensive to have connected, a remote power system is the best solution to household power needs. Be it your home, your weekend getaway or maybe even the workshop way down the back paddock, we have the gear to get you powered up to enjoy some creature comforts. We've been selling solar panels, wind turbines, DC to AC inverters and deep cycle batteries for years, so you can be sure that the product we supply will stand the test of time. Whilst remote power systems are an investment, there are government incentives and rebates available that may support your purchase*

* Check with your relevant state and local authorities on what rebates are available and whether they apply to your particular application/installation. For most installations, the Solar Credits Scheme would apply.



How it works

1. Renewable energy is provided in the form of sunlight, which is collected by the solar panels and converted into DC electricity.
2. This DC electricity is fed through a solar charge controller to charge a deep cycle battery bank.
3. DC power stored in the batteries is converted into 240VAC power through an inverter, which is suitable for running most normal household appliances,
4. Some suitable DC appliances can be powered directly from the battery bank, with an option for load control.
5. A 240V generator can be incorporated into the system to provide auxiliary power to charge the batteries and power the 240VAC appliances.

Your local agent

Features of the SuperCombi Inverter Charger

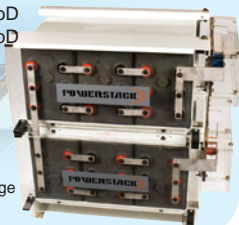
- » Fully featured complete power management system
- » High powered DC to AC inverter with auto transfer switch and high power battery charger
- » Power output De-Rated to 70°C, so even in harsh conditions full power is provided
- » SuperCombi monitors and controls solar charging, regulates and charges the battery bank, can automatically start an electric start generator, and can control DC loads.
- » Optional remote control panel available
- » Provides an almost completely automated system with the right setup and programming
- » 2 year warranty



Features of the Powerstack Battery Bank

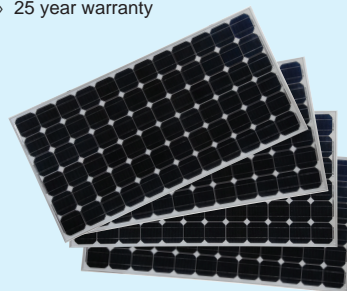
- » Design life of 20 years, and cyclic life of 4000 cycles at 20% DoD
- » AGM, maintenance free batteries
- » Deep discharge capability
- » Each Powerstack includes 6 x 2V cells complete with modular racking system, connectors and accessories
- » Cycle life:
 - 4000 @ 20% DoD
 - 2000 @ 50% DoD
 - 1200 @ 80% DoD
- » 2 year warranty

*DoD = Depth of Discharge



Features of Powertech 175W Monocrystalline Solar Panels

- » IEC 61215 + IEC 61730 approved solar modules
- » Clean Energy Council Approved
- » Each panel features 72 high efficiency monocrystalline cells
- » 24V nominal panel voltage
- » 25 year warranty



3kWh/day System with 1kW Solar - MP-9005

Includes

- 6 x 175W 24V high efficiency monocrystalline solar panels
- 24V 600Ah Powerstack battery bank (2 x 12V banks)
- Invertek 1500W (3000W max) 24V SuperCombi inverter charger (35A charging)
- SunStar 45A solar charge controller
- CombiNet data connection cable, 3m
- Required cabling and connectors for 10m from solar panels to charge controller



Suitable for	Not Suitable For
<ul style="list-style-type: none"> • Most moderately powered household appliances for short periods (under 2000W) • Efficient lighting (LED, compact flouro, etc) • Efficient DC or AC fridge • Small DC water pump • Laptop, LCD TV, DVD player, stereo • Pedestal fan, compact flouro (energy saver) lights • Efficient washing machine on a sunny day 	<ul style="list-style-type: none"> • Electric oven/stove • Electric hot water • Resistive heaters

Performance

- Approximately 3.5kWh average solar charging daily
- 3 days autonomy with 3.0kWh daily power useage

NOTE: This package does not include solar mounting hardware. See our ezRack solar mounting solution flier for options.

5.0kWh/day System with 1.5kW Solar - MP-9007

Includes

- 9 x 175W 24V high efficiency monocrystalline solar panels
- 24V 1350Ah Powerstack battery bank (2 x 12V banks)
- Invertek 3000W (6000W max) 24V SuperCombi inverter charger (70A charging)
- SunStar 60A solar charge controller
- CombiNet data connection cable, 3m
- Required cabling and connectors for 10m from solar panels to charge controller



Suitable for	Not Suitable For
<ul style="list-style-type: none"> • Most common efficient household appliances • Efficient lighting (LED, compact flouro, etc) • May power electric stove/oven or hot water, but we recommend gas or wood for these appliances • 5-star energy efficient fridge • Short use of kitchen appliances (kettle, toaster, etc) • Efficient washing machine 	<ul style="list-style-type: none"> • 3-phase loads • Welders • Spa or pools

Performance

- Approximately 5.2kWh average solar charging daily
- 4 days autonomy with 5.0kWh daily power useage

NOTE: This package does not include solar mounting hardware. See our ezRack solar mounting solution flier for options.

Custom packages can be tailored to individual requirements. Speak to our helpful staff for assistance.