POWERGUARD

POWER STATIONS



POWERGUARD



Since 1983, PowerGuard has been a trusted name in surge protection, safeguarding Australians' electronic equipment with unmatched reliability. Building on over four decades of expertise, PowerGuard is now expanding into portable power stations, bringing the same commitment to innovation, quality, and dependability to meet the evolving needs of modern, on-the-go lifestyles.

Introducing PowerGuard Portable Power Stations

Portable power stations are revolutionizing energy access in Australia and New Zealand, offering clean, reliable, and versatile power solutions for homes, businesses, and outdoor adventures.
PowerGuard's range of portable power stations and solar panels provides an efficient alternative to traditional generators.



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TRUSTED POWER

3000W
Portable Power Station

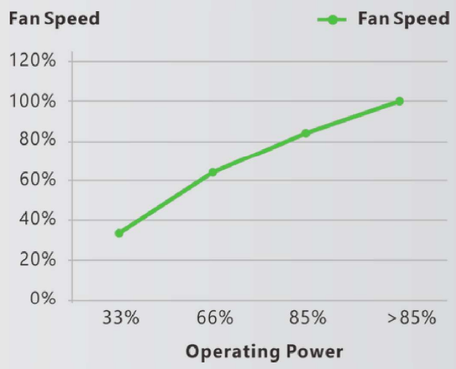
LiFePO4 Prismatic Cell



- Utilizes LiFePO4 prismatic cells
- 2560Wh battery capacity
- Certified to UL1973 energy storage battery safety standards
- Over 4,000 charge cycles for long-lasting performance
- Compatible with PV and AC charging systems

Intelligent Air Cooling System





Ultra Strong Bracket Support



Designed with a high-strength aluminum alloy bracket combined with premium metal materials, offering unparalleled durability and resistance to knocks, bumps and rugged car journey's. Feel safe knowing the LiFePO4 battery is safe and secure from damage.

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CAPABLE AND DEPENDABLE

3000W
Portable Power Station



Solar Panels for Green Energy Charging

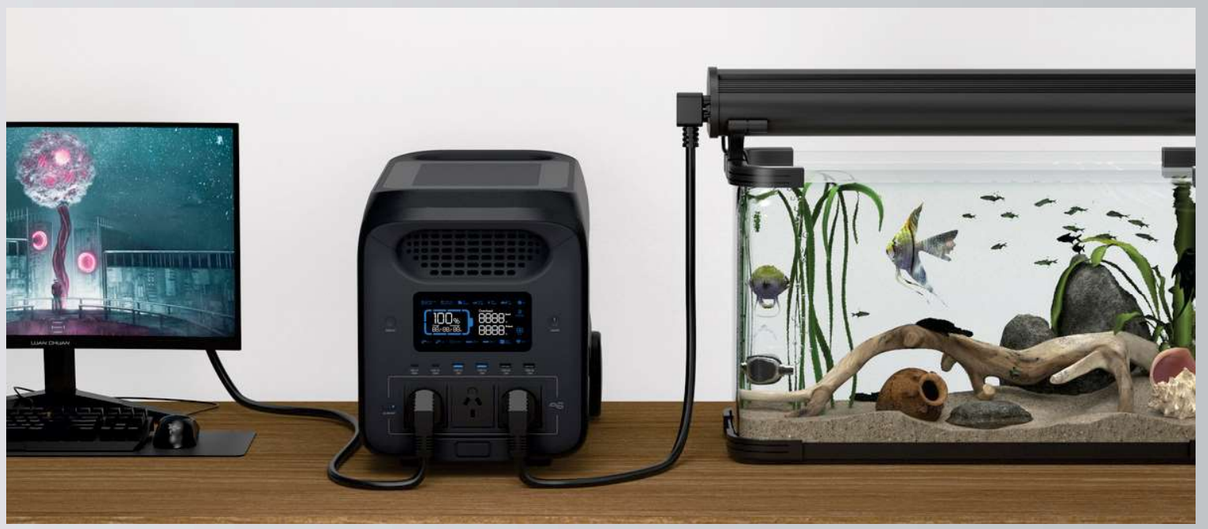
Supports a maximum of 800W solar panel charging, fully charging in approximately 4 hours, or 0-65% in about 2.5 hours. It also allows AC and PV charging simultaneously.

Anderson Plug

The DC 12V/30A output, equipped with an Anderson plug, supports 12V RV battery charging and can be powered by PV (solar) positive energy. It provides output to charge the RV battery and fully replaces the need for an RV solar converter.

UPS (Uninterruptible Power Supply Capabilities)

UPS provides backup power to your essential devices within 14ms during an outage. Once the power grid is restored, the AC output will automatically reconnect to the grid (Certified UL1778)



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INTELLIGENT APP CONTROL

3000W
Portable Power Station



An intelligent app control platform that connects via Wi-Fi or Bluetooth, featuring data monitoring and software upgrade capabilities.

Also Support USB flash disk software upgrade function

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POWER STATION PRO 3000

3000W
Portable Power Station

- 1.7 Hrs Fast Charging
- LiFePO4 Prismatic Cell
- Expandable Capacity
- 24/7 UPS function
- Portable Design
- Aluminum Alloy Bracket
- 10 Years Lifespan
- 30dB Low Working Noise
- Safety Certification
- AC load frequency smart following off-grid, and App control 50 or 60Hz



Easy pull telescopic handle



Specifications	AU/NZ
Battery Type	Square aluminum case LiFePO4 power battery
Battery Capacity	2560Wh,51.2V, 50Ah
Cycle Life	4000 Cycles
Wi-Fi	Supported
USB-A1/A2 (Output)	5V/3A, 9V/2A, 12V/1.5A, 18W Max.
USB-A3/A4 (Output)	5V/2.4A, 12W Max.
USB-C1/C2 (Output)	5/9/12/15V 3A, 20V/5A, 100W Max.
Anderson terminal output	12.6V,30A Max., 378W Max.
DC5521 Output *2	12.6V, 3A
Car charge Output	12.6V/10A, 126W Max.
AC Output (Inverter mode)	Pure sine-wave, total3000W (peak 5000W), 220-240V~,50Hz/60Hz,16A*3
AC Output (Bypass mode)	220-240V~,50Hz/60Hz,2300W Max., 10A Max.
AC input power	2300W Max., 10A
AC input voltage	220-240V~,50Hz/60Hz
Car charging input	12V/24V battery supported, 8A by default
PV charge input *2	800W Max, 13-45V, 12A
AC charging power	2000W Max.
PV/Car charging power*2	800W Max.
AC+PV charging power	2560W Max.
Weight	34kg
Dimensions (W*H*D)	303*343*536mm(21*12*13.5in)
Temperature Range	Discharge :-20°C-45°C / Charge: 0°C-45°C
Certification	Australia & New Zealand standards
Cycle Life*:Test conditions, 95% DOD,1.0C charge & 1.0C discharge at +25±3°C.	

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SMALL BUT POWERFUL

600W
Portable Power Station

The perfect companion for work or play.

The Power Station 600 is your ultimate portable charging solution, designed to keep your laptop, phone, and other essential devices powered up wherever you go. Whether you're tackling tasks during a remote workcation, enjoying a weekend getaway, or simply working from a cozy spot away from home, this versatile power station ensures you stay connected and productive.





Picture yourself typing away on your laptop, the vibrant colors of a sunset reflecting off a serene lake or a forest providing a peaceful backdrop. With the Power Station 600, you can embrace these moments without worrying about losing power, making it the perfect companion for modern work and play.

POWERGUARD

POWER STATION 600

600W
Portable Power Station

- LiFePO4 Prismatic Cell
- 600W Output across 2 AC Outlets
- 3000 charging cycles
- Portable Design
- 12V Car & DC5521 Outputs
- Strong Aluminum Alloy Bracket
- Solar, Vehicle or AC charging
- 3 year warranty
- Australian & New Zealand Safety Certification





Specifications	AU/NZ
Battery Type	Square aluminum case LiFePO4 power battery
Battery Capacity	512Wh,25.6V,20Ah
Cycle Life	3000 Cycles
Wi-Fi	Supported
USB-A1/A2 (Output)	5V/2.4A, 12W Max.
USB-C1/C2 (Output)	5/9/12/15V 3A, 20V/5A, 100W Max.
DC5521 Output *2	12.6V, 3A
Car charge Output	12.6V/10A, 126W Max.
AC Output (Inverter mode)	Pure sine-wave, total 600W (peak 1000W), 220-240V~,50Hz/60Hz, 3A *2
AC Output (Bypass mode)	220-240V~,50Hz/60Hz, 600W Max, 3A
AC input power	1200W Max., 6A
AC input voltage	220-240V~,50Hz/60Hz
Car charging input	12V/24V battery supported, 8A by default
PV charge input *2	200W Max, 12-20V, 10A
AC charging power	600W Max.
PV/Car charging power*2	200W Max.
AC+PV charging power	600W Max.
Weight	7kg
Dimensions (W*H*D)	301*227*193mm(11.8*8.9*7.6in)
Temperature Range	Discharge :-20°C-45°C / Charge: 0°C-45°C
Certification	Australia & New Zealand standards
Cycle Life*:Test conditions, 95% DOD,1.0C charge & 1.0C discharge at +25±3°C.	

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POWER STATION PRO EXPANSION PACK

2560WH
Expansion

- LiFePO4 Prismatic Cell
- **Suitable for PowerGuard Pro 3000**
- Connect up to 6 expansion packs offering 17.5kWh of Power
- Portable Design
- Strong Aluminum Alloy Bracket
- 3 year warranty
- Australian & New Zealand Safety Certification





Specifications	AU/NZ
Battery Type	Lithium iron phosphate battery (LiFePO4)
Cycle Life	4000 Cycles
Nominal energy	2560Wh
Nominal capacity	50Ah
Nominal voltage	51.2V
Working voltage range	40 - 57.6V
Operating humidity	10% - 85% (Non-condensing)
Altitude	<2000m
Discharge current output	70A Max.
Charging current input	50A Max.
Net Weight	25.2kg
Dimensions (W*H*D)	536*270*225mm(21*10.6*8.8in)
Discharge Temperature Range	-20°C~45°C
Charge Temperature Range	0°C~45°C
Storage Ambient Temperature	-20°C~45°C
Certification	Australia & New Zealand standards

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GO OFF GRID!

WITH FOLDABLE SOLAR PANELS



POWERGUARD

FOLDABLE SOLAR PANELS

GREEN
Expansion

PowerGuard Solar Panels offer an impressive solar conversion efficiency of up to 23.4%, helping you embrace green energy with ease. The durable ETFE case enhances longevity, while the foldable design ensures the panel opens at the ideal angle for maximum sunlight absorption. This makes it a reliable power source for off-grid adventures, camping trips, outdoor events, emergency home backup, and unexpected outages. Lightweight, portable, and easy to connect, it's the perfect addition to your power station.





Peak Power (Pm)	100W	200W	400W
Solar Cell Lamination	ETFE	ETFE	ETFE
Cell Efficiency	Up to 23.4%	Up to 23.4%	Up to 23.4%
Voltage at Max Powe (Vmp)	18V	20V	36V
Current at Max Power (Imp)	6.1A	11A	11.6A
Open Circuit Voltage (voc)	23.4V	23.4V	46.8V
Short Circuit Current (Isc)	7.32A	14.64A	14.3A
Operating Temperature	-10℃~+65℃	-10℃~+65℃	-10℃~+65℃
Best Working Temperature	+25℃	+25℃	+25℃
Folding Number	4	4	4
Dimension(unfolded)	1630*535mm	1837*765mm	2635*957mm
Dimension(folded)	445*535mm	500*765mm	690*957mm
Weight	5.27kg	8.28kg	13.97kg
Warranty	12 months	12 months	12 months

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THANK YOU