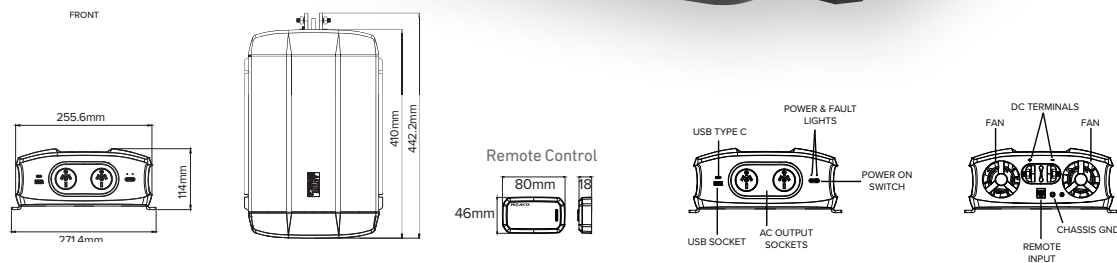


PW2100 & PW2100-24

12V OR 24V 2100W PURE SINE WAVE INVERTER

Available in 12V or 24V models, the PW2100 features 4200W startup to power very demanding 240V appliances on the go, including toasters, kettles and air conditioners.



KEY FEATURES

APPROVED OUTPUT SOCKET

AS/NZS approved 240V sockets. Inverter designed to Australian standard AS4763



DIGITAL DISPLAY

LED display provides information on battery voltage, power usage and load capacity



USB OUTPUT SOCKET

2.1A USB-A and 21W USB-C ports for charging most mobiles and portable devices



WIRING KIT

Battery lugs with 1100mm 35mm² battery cable



REMOTE CONTROL

LCD display and remote control unit provides information on battery voltage and power usage



APPLICATION GUIDE



www.a1batterypro.com.au

SPECIFICATIONS

Part No.	PW2100	PW2100-24
Input	12V DC, 206A Max	24V DC, 103A Max
No Load Current Draw	<1.2A	<1.2A
Output	240VAC, 50Hz (Pure Sine Wave)	240VAC, 50Hz (Pure Sine Wave)
Output Power	2100W Continuous 2520W 120% surge ≤10 minutes 4200W 200% surge ≤1 second	2100W Continuous 2520W 120% surge ≤10 minutes 4200W 200% surge ≤1 second
Inverter Classification	Equipotentially Bonded (EPB)	Equipotentially Bonded (EPB)
Efficiency	85%	85%
Low Battery Alarm	10.5V (±0.3V)	21V (±0.6V)
Shutdown	9.9V (±0.3V)	19.8V (±0.6V)
Cooling Fan	Automatic Temperature & Load Controlled	Automatic Temperature & Load Controlled
Thermal Shutdown	65° (±5°C)	65° (±5°C)
Internal Fuse	280A	175A
Recommended External Fuse	250A	125A
USB Output	USB-C 21W, USB-A 2.1A	USB-C 21W, USB-A 2.1A
Ideal Battery Size	110Ah and above	70Ah and above
Minimum Battery Size	105Ah	55Ah
Run Time With 500W On 25Ah Battery	30 minutes	30 minutes
Run Time With 100w Globe On 25Ah Battery	10 hours	10 hours
Approvals	Electrical Safety, EMC	Electrical Safety, EMC