PRO-WAVE INVERTERS

PURE SINE WAVE

DELIVERS ULTRA CLEAN POWER

200% START UP POWER FOR 1 SECOND

1 SEC 200% STARTUP POWER

STYLISH DESIGN

3 YEAR WARRANTY

PROJECTA

PRO-WAVE ADVANTAGE

Pro-Wave inverters are designed, engineered and tested in Australia to provide performance in the toughest conditions. The Pro-Wave range utilises pure sine wave technology, which more closely replicates the 240V mains power found at home.

Pro-Wave pure sine wave inverters have been specifically designed and built to deliver the next level of clean, reliable power, for those looking for greater performance over entry level modified sine wave inverters. Offering exceptional reliability, Pro-Wave is the ideal companion for all adventures, whether for the avid traveller taking their household comforts to remote destinations, or the home handyman in need of good, clean power to run sophisticated power tools when mains power isn't available.

WHAT IS PURE SINE WAVE?

There are two different types of inverters; modified sine wave and pure sine wave. The difference between the two is how closely the output replicates mains power.

The ultra clean power delivery of pure sine wave inverters makes them the superior choice for operating sensitive electrical appliances, however they involve a more complicated and expensive manufacturing process.

Watch television without static, listen to an AM radio, play favourite games on an Xbox™, Playstation™ or Switch™ and run a fluorescent light, all of which may not operate properly on a modified sine wave inverter.

FEATURES & BENEFITS

REMOTE CONTROL

Every Pro-Wave inverter comes with a sleek LCD display remote, which allows you to mount the unit discreetly next to the main battery, out-of-sight. Additionally, this clever remote lets you easily read load power and input voltage while conveniently switching the inverter on and off remotely.

FULLY ISOLATED DESIGN

Safety is paramount around 240V, and especially with inverters, which is why Projecta fully electrically isolates the DC (and therefore battery posts, vehicle chassis, etc., from the 240V AC circuit). This grants users total peace of mind, which means all they need to think about is what they want to power and where.

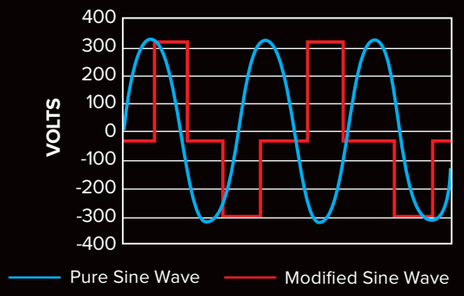
GREATER STARTING POWER

Pro-Wave inverters deliver far greater start up power than equivalent modified sine wave inverters to effortlessly run more of your favourite appliances. The range is engineered to run at 120% surge for 10 minutes and 200% for 1 second.

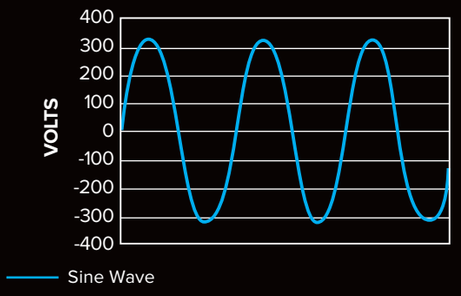
SUPERIOR NOISE FILTERING

By producing ultra clean power with greatly reduced interference, mirroring that of the power expected from household 240V outlets, the Pro-Wave range prevents any electrical noise/ static from being produced when running sensitive appliances.

PURE VS MODIFIED SINE WAVE



MAINS POWER (SINE WAVE)



PRO-WAVE RANGE

Delivers ultra clean power

Select from the reliable 500W unit with its quiet design to the most powerful 2700W unit for the more demanding requirements of caravans and motorhomes. No matter the appliance you need to run, the Pro-Wave range of inverters has the ideal unit to meet your needs.

PW500

PW1100

PW1600

PW2100 & PW2100-24

PW2700

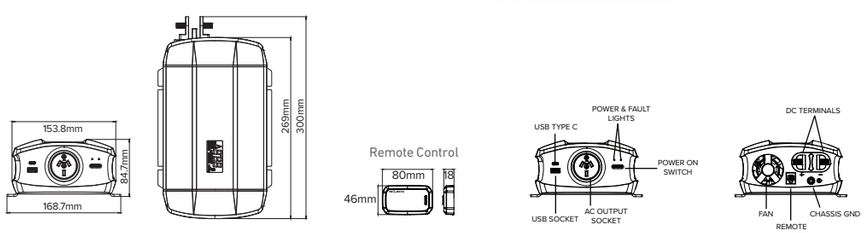
PRO-WAVE
REFERENCE GUIDE

PART NUMBER	INPUT	OUTPUT POWER	IDEAL BATTERY SIZE	MINIMUM BATTERY SIZE	RUN TIME (100W globe on minimum battery)
PW500	12V	500W Continuous 1000W Peak	35Ah and above	25Ah	2.5 Hours
PW1100	12V	1100W Continuous 2200W Peak	75Ah and above	55Ah	5.5 Hours
PW1600	12V	1600W Continuous 3200W Peak	105Ah and above	80Ah	8 Hours
PW2100	12V	2100W Continuous 4200W Peak	110Ah and above	105Ah	10 Hours
PW2100-24	24V	2100W Continuous 4200W Peak	70Ah and above	55Ah	10 Hours
PW2700	12V	2700W Continuous 5400W Peak	180Ah and above	135Ah	14 Hours

PW500

12V 500W PURE SINE WAVE INVERTER

The ideal companion for taking creature comforts on the road. Delivers reliable power completely noise free, allowing sensitive devices to run wherever and whenever desired.



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 8mm² battery cable

REMOTE CONTROL

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

APPLICATION GUIDE

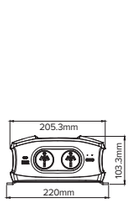
SPECIFICATIONS

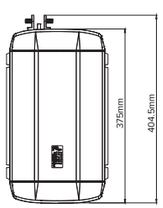
Part No.	PW500
Input	12V DC, 49A Max
No Load Current Draw	<0.9A
Output	240VAC, 50Hz (Pure Sine Wave)
Output Power	500W Continuous 600W 120% surge ≤10 minutes 1000W 200% surge ≤1 second
Inverter Classification	Equipotentially Bonded (EPB)
Efficiency	85%
Low Battery Alarm	10.5V (±0.3V)
Shutdown	9.9V (±0.3V)
Cooling Fan	Automatic Temperature & Load Controlled
Thermal Shutdown	65° (±5°C)
Internal Fuse	80A
Recommended External Fuse	60A
USB Output	USB-C 21W, USB-A 2.1A
Ideal Battery Size	35Ah and above
Minimum Battery Size	25Ah
Run Time With 500W On 25Ah Battery	30 minutes
Run Time With 100w Globe On 25Ah Battery	2.5 hours
Approvals	Electrical Safety, EMC

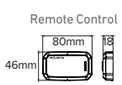
PW1100

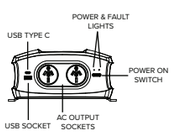
12V 1100W PURE SINE WAVE INVERTER

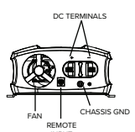
This 1100W inverter is loaded with features found on larger models and is suitable for powering lightweight household appliances. Featuring greater starting power than modified sine wave inverters allowing it to start more favourite appliances.











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 16mm² battery cable

REMOTE CONTROL

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

APPLICATION GUIDE

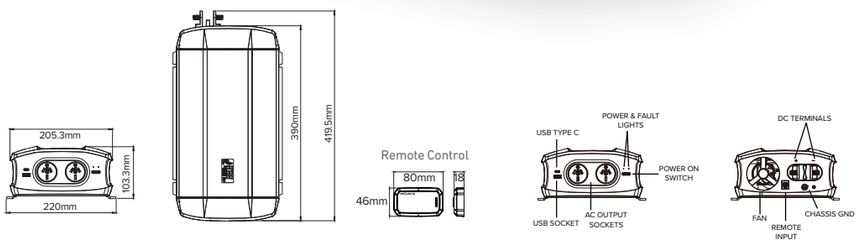
SPECIFICATIONS

Part No.	PW1100
Input	12V DC, 108A Max
No Load Current Draw	<1.0A
Output	240VAC, 50Hz (Pure Sine Wave)
Output Power	1100W Continuous 1320W 120% surge ≤10 minutes 2200W 200% surge ≤1 second
Inverter Classification	Equipotentially Bonded (EPB)
Efficiency	85%
Low Battery Alarm	10.5V (±0.3V)
Shutdown	9.9V (±0.3V)
Cooling Fan	Automatic Temperature & Load Controlled
Thermal Shutdown	65° (±5°C)
Internal Fuse	150A
Recommended External Fuse	125A
USB Output	USB-C 21W, USB-A 2.1A
Ideal Battery Size	75Ah and above
Minimum Battery Size	55Ah
Run Time With 500W On 25Ah Battery	30 minutes
Run Time With 100w Globe On 25Ah Battery	5.5 hours
Approvals	Electrical Safety, EMC

PW1600

12V 1600W PURE SINE WAVE INVERTER

Featuring dual AC outlets, the PW1600 has class leading features and performance, making it the perfect unit for running multiple appliances at once.



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 25mm² battery cable

REMOTE CONTROL

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

APPLICATION GUIDE

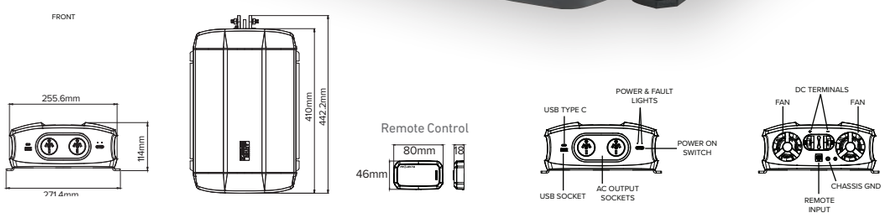
SPECIFICATIONS

Part No.	PW1600
Input	12V DC, 157A Max
No Load Current Draw	<1.2A
Output	240VAC, 50Hz (Pure Sine Wave)
Output Power	1600W Continuous 1920W 120% surge ≤10 minutes 3200W 200% surge ≤1 second
Inverter Classification	Equipotentially Bonded (EPB)
Efficiency	85%
Low Battery Alarm	10.5V (±0.3V)
Shutdown	9.9V (±0.3V)
Cooling Fan	Automatic Temperature & Load Controlled
Thermal Shutdown	65° (±5°C)
Internal Fuse	200A
Recommended External Fuse	175A
USB Output	USB-C 21W, USB-A 2.1A
Ideal Battery Size	105Ah and above
Minimum Battery Size	80Ah
Run Time With 500W On 25Ah Battery	30 minutes
Run Time With 100w Globe On 25Ah Battery	8 hours
Approvals	Electrical Safety, EMC

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

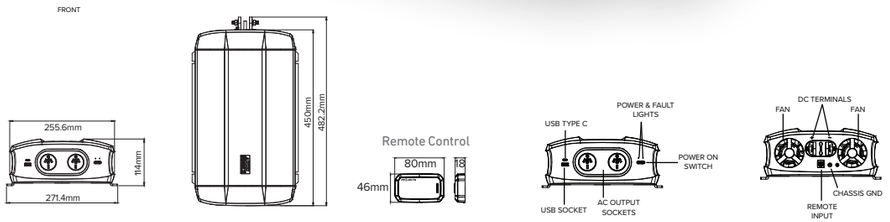
SPECIFICATIONS

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

PW2700

12V 2700W PURE SINE WAVE INVERTER

An AC powerhouse, the PW2700 delivers so much starting power it will operate almost any appliance thrown at it.



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 50mm² battery cable

REMOTE CONTROL

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

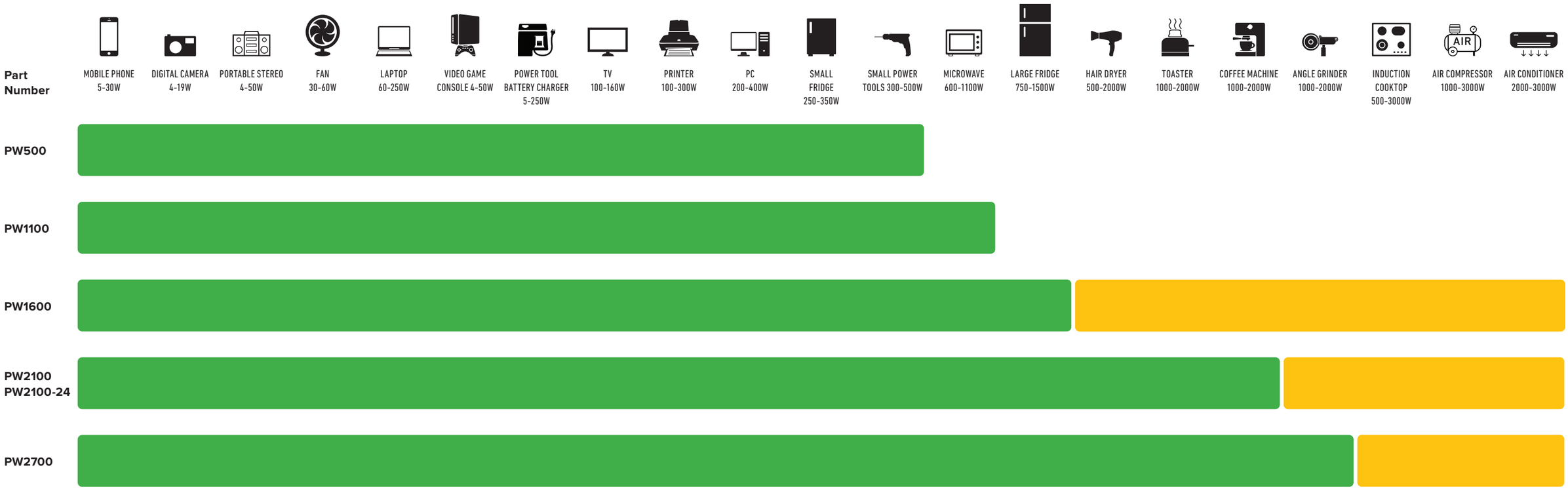
APPLICATION GUIDE

SPECIFICATIONS

Part No.	PW2700
Input	12V DC, 265A Max
No Load Current Draw	<1.3A
Output	240VAC, 50Hz (Pure Sine Wave)
Output Power	2700W Continuous 3240W 120% surge ≤10 minutes 5400W 200% surge ≤1 second
Inverter Classification	Equipotentially Bonded (EPB)
Efficiency	85%
Low Battery Alarm	10.5V (±0.3V)
Shutdown	9.9V (±0.3V)
Cooling Fan	Automatic Temperature & Load Controlled
Thermal Shutdown	65° (±5°C)
Internal Fuse	350A
Recommended External Fuse	300A
USB Output	USB-C 21W, USB-A 2.1A
Ideal Battery Size	180Ah and above
Minimum Battery Size	135Ah
Run Time With 500W On 25Ah Battery	30 minutes
Run Time With 100w Globe On 25Ah Battery	14 hours
Approvals	Electrical Safety, EMC

PRO-WAVE SELECTION GUIDE

No matter the application or job at hand, Projecta has the inverter to suit.



Suitable for listed appliance OK, dependent on size and type of appliance

Not limited to these applications. IMPORTANT – Always check the inverter is matched to the power requirements of the appliance.

PROJECTA

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