

July 2014

PURE SINE WAVE INVERTERS

CONVERTS 12 VOLT DC – 230/240 VOLT AC



**SUITABLE FOR THE
HOME PROFESSIONAL**

**PURE SINE WAVE TECHNOLOGY
DELIVERS ULTRA CLEAN POWER**

PRO-WAVE

DELIVERS ULTRA CLEAN POWER

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 your adventures, be it for the avid traveller in search of remote outback destinations or the home handy man in need of good, clean power, no matter the location.

PRODUCT FEATURES

WHY PRO-WAVE

Run your appliances with Pro-Wave, no matter the location. Engineered to produce reliable, clean power with greatly reduced interference closer to that found from your household sockets. Pro-Wave delivers far greater start up power than equivalent Modified Sine Wave inverters, to effortlessly run far more of your favourite appliances, such as fridges, power tools, laptop computers and more.

FULLY ISOLATED DESIGN

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

DESIGNED TO AS4763

All Projecta inverters are designed in accordance with Australian standard AS4763 (Int): 2006 – Safety of Portable Inverters.



APPLICATION GUIDE

Pro-Wave's visual application guide allows you to quickly match the customer's appliance requirements to the most suitable inverter model.



PW150 – 12 VOLT 150W PURE SINE WAVE



PW350 – 12 VOLT 350W PURE SINE WAVE



PW600 – 12 VOLT 600W PURE SINE WAVE



PW900 – 12 VOLT 900W PURE SINE WAVE



PW1800 – 12 VOLT 1800W PURE SINE WAVE



OPTIONAL REMOTE CONTROL – P/No. PWREMOTE

An unobtrusive flush mount panel remote is available as an optional accessory, enabling the inverter to be stowed out of site, keeping the cabin area uncluttered. Featuring an On/Off switch, the remote allows the user to conserve valuable battery power by turning the inverter off when not in use.

(Suits PW600, PW900 and PW1800 units only)

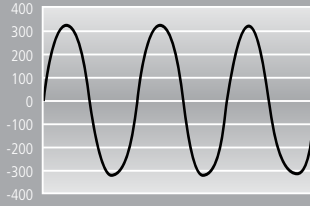
EYE CATCHING PACKAGING

Pro-Wave is presented in an attractive self-merchandising retail box, complete with see-through window and key features and benefits of the product. Styled to convey quality and technology, Pro-Wave is sure to appeal to the home professional and consumers who desire the best and don't want to be limited in what they can or cannot power, no matter the location. In addition, choosing the right model is made easy with the visual application and appliance guide located at the top of each box.

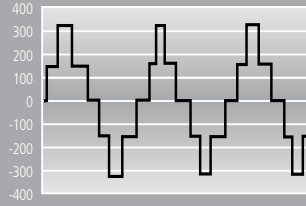


WHAT IS PURE SINE WAVE

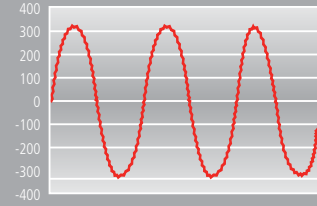
MAINS POWER (SINE WAVE)



MODIFIED SINE WAVE



PURE SINE WAVE



Inverters are designed for powering household appliances from a battery or vehicle. They are electronic devices that convert (12V DC) battery power to (230/240V AC) mains power.

There are two different types of inverters, Modified Sine Wave and Pure Sine Wave. The difference between the two is how close the output replicates mains power.

Logically it follows that the process used in a Pure Sine Wave inverter is more complex than a Modified Sine Wave inverter and subsequently more expensive. Most electric appliances operate unaffected on a Modified Sine Wave and hence they are more common.

Pure Sine Wave inverters are best for use on medical equipment and sensitive electrical appliances. They allow you to watch television without static, listen to an AM radio, play your favourite game on an Xbox™, Playstation™ or Wii™, and run a fluoro, all of which may not operate properly on a Modified Sine Wave inverter.

INPUT DATA

P/No.	Description	Barcode	Box Qty	Availability
PW150	12V 150W Pure Sine Wave Inverter	9315219150783	1 (retail), 8 (outer)	Ex-Stock
PW350	12V 350W Pure Sine Wave Inverter	9315219350770	1 (retail), 8 (outer)	Ex-Stock
PW600	12V 600W Pure Sine Wave Inverter	9315219600776	1 (retail), 4 (outer)	Ex-Stock
PW900	12V 900W Pure Sine Wave Inverter	9315219900777	1 (retail), 3 (outer)	Ex-Stock
PW1800	12V 1800W Pure Sine Wave Inverter	9315219180070	1 (retail), 2 (outer)	Ex-Stock

SPECIFICATIONS

P/No.	PW150	PW350	PW600	PW900	PW1800
Input Current (Max DC Amps)	15A	30A	60A	90A	180A
Continuous Power (Watts)	150W	350W	600W	900W	1800W
Peak Power (Watts)	300W	700W	1200W	1800W	3600W
Inverter Classification	Equipotentially Bonded Inverter (EPB)				
Low Battery Alarm/Shutdown	Alarm 10.5V, Shutdown 10.0V (±0.3V)				
Cooling Fan	Automatic Temperature Controlled				
Weight	1.0kg	1.1kg	2.7kg	4.5kg	5.1kg

