



PV Powered

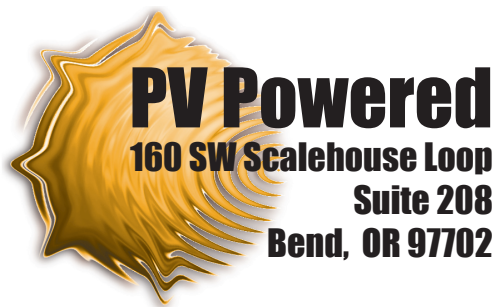
.....focused on driving solar technology to its limit. Every day the sun delivers more energy to Earth than we can consume. PV Powered is committed to capturing that energy and delivering it to you in the form of clean, renewable power. Our vision is to make PV commonplace throughout the world. We owe it to current and future generations to preserve our planet's natural resources and reduce our dependence on fossil fuels. The PV Powered's StarInverter family can assist in delivering that goal with its state-of-the-art inverters, all made in the USA. No inverter is more efficient, more reliable or easier to use.

Based on revolutionary architecture, the StarInverter family

- Utilizes the lowest parts count of any UL listed inverter on the market.
- Has no thermal fold back and therefore requires no fan.
- Has the longest project user life among inverters available today.*
- Utilizes aggressive MPPT algorithms that maximize energy capture in all weather conditions.

* Based on the MIL 217 Standard

Look to the StarInverter family to provide reliable, efficient, easy to use solutions for all your inverter needs.



PV Powered

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PV Powered
Delivering Tomorrow's
Solar Technology
... Today



StarInverter
"A Family of Solutions"

PVP1100 ...



The **PVP1100** ... a 95% efficient inverter that always produces maximum power from its PV systems. The PVP1100 has a broad operating range and allows for expandable array inputs from 550 watts to 1320 watts DC in. The LED display provides instant power output information.

PVP1800 ...



The **PVP1800** ... rated at 95% efficient, this inverter provides the perfect solution to your PV needs. A vacuum fluorescent display comes standard with every PVP1800. View operational data pertaining to the inverter such as current array input, power output and greenhouse gases saved. The PVP1800 also includes integrated DC/GFI circuit breakers.

PVP2800 ...



The **PVP2800** ... unprecedented efficiency at 97.6%! When conditions allow, this inverter can easily exceed 2800W whether it is configured as a 208VAC or 240VAC. The PVP2800 includes all the standard accessories as the PVP1800 including the vacuum fluorescent display and the integrated DC/GFI circuit breakers.

CHARACTERISTICS ...

Continuous Output Power	1100W
Maximum System Voltage (DC)	180V
Operating DC Voltage Range	90V - 180V
Maximum DC Operating Current	14A
Operating AC Voltage Range	106V - 132V
Operating Frequency Range	59.3Hz - 60.5Hz
Nominal AC Output Voltage	120V
Normal Output Frequency	60Hz
Maximum Continuous Output AC Current	11.5A
Maximum Output Fault Current (AC)	15A
Output Overcurrent Protection	15A
Standards	UL 1741, IEEE 519, IEEE 929, NEC 690

CHARACTERISTICS ...

Continuous Output Power	1800W
Maximum System Voltage (DC)	360V
Operating DC Voltage Range	120V - 360V
Maximum DC Operating Current	15A
Operating AC Voltage Range	106V - 132V
Operating Frequency Range	59.3Hz - 60.5Hz
Nominal AC Output Voltage	120V
Normal Output Frequency	60Hz
Maximum Continuous Output AC Current	15A
Maximum Output Fault Current (AC)	15A
Output Overcurrent Protection	20A
Standards	UL 1741, IEEE 519, IEEE 929, NEC 690

CHARACTERISTICS ...

Continuous Output Power	2800W
Maximum System Voltage (DC)	450V
Operating DC Voltage Range	208: 180V - 390V 240: 200V - 390V
Maximum DC Operating Current	15A
Operating AC Voltage Range	208: 183V - 229V 240: 211V - 264V
Operating Frequency Range	59.3Hz - 60.5Hz
Nominal AC Output Voltage	208V or 240V
Normal Output Frequency	60Hz
Maximum Continuous Output AC Current	14A
Maximum Output Fault Current (AC)	15A
Output Overcurrent Protection	20A
Standards	UL 1741, IEEE 519, IEEE 929, NEC 690

CONSTRUCTION AND ENVIRONMENTAL ...

Enclosure	Aluminum - NEMA 3R to UL 50 Standards
Dimensions (W x D x H)	13.1" x 6.5" x 19.75"
Weight	38 lbs.
Cooling	Natural Convection
Relative Humidity	0% to 100% Condensing
Peak Efficiency at 40°C Ambient Temp	95%

CONSTRUCTION AND ENVIRONMENTAL ...

Enclosure	Aluminum - NEMA 3R to UL 50 Standards
Dimensions (W x D x H)	13.1" x 6.5" x 19.75"
Weight	46 lbs.
Cooling	Natural Convection
Relative Humidity	0% to 100% Condensing
Peak Efficiency at 40°C Ambient Temp	95%

CONSTRUCTION AND ENVIRONMENTAL ...

Enclosure	Aluminum - NEMA 3R to UL 50 Standards
Dimensions (W x D x H)	15" x 7.5" x 21.75"
Weight	74 lbs.
Cooling	Natural Convection
Relative Humidity	0% to 100% Condensing
Peak Efficiency at 40°C Ambient Temp	97.6%

An AC DC Disconnect is available as an optional feature with the PVP1100. This feature provides AC and DC control and fault protection, as well as ground fault (GFI) protection. The AC DC Disconnect is an aluminum (NEMA 3R) enclosure and meets UL 50 and UL 1741 Standards. The dimensions of the PVP1100 with the AC DC Disconnect is 13.1" x 6.5" x 26.75".

Available FREE of CHARGE with all inverters within the StarInverter product line is the revolutionary Command Center software. This software, developed by PV Powered, establishes a new industry standard for ease of use. The PVP Command Center provides real-time data, tracking and monitoring capabilities via home PC or the web.

PV Powered is backing the StarInverter promise of higher efficiencies and greater reliabilities with an unmatched 10-year warranty!

