

SPECIFICATIONS

Model Number	PVE1200	PVE2500
Input Data		
Max Solar Input	1600W	3100W
Max DC Input Current	25A	25A
Max DC Input Voltage	100V	200V
Max Power Point Range	54VDC - 100VDC	108VDC - 200VDC
Output Data		
Output Power	1100W @ 50°C (1250W max)	2100W @ 50°C (2500W max)
Output Voltage Range	205 - 265 Vac	205 - 265 Vac
Output Frequency	50Hz tolerance +/- 1Hz	50Hz tolerance +/- 1Hz
Peak Efficiency	94 %	95 %
Night Time Power Consumption	NIL Automatically Disconnects from AC Grid	
Operating Temperature	- 10°C to 50°C	
Anti islanding Protection	Over/under voltage Over/under frequency Active phase shift	
General Data		
Status Indicators	Digital LCD Watt-Hour Meter	
	Output power level	
	Grid - Stability check	
	Solar Input ON	
	Grid Fault	
	Overload	
Connections	AC & DC Pluggable Connectors	
Wall Mount Enclosure	Powder Coated Aluminium	Powder Coated Aluminium
Dimensions	330mm x 296mm x 150mm	370mm x 386mm x 180mm
Weight	11 kg	22 kg
Warranty	5 years	5 years
Standards		
	C-Tick	
	AS3100, AS4777	
	EN55014	
	Certificate of Suitability	
Options	Weather Proof Enclosure	

Latronics® is the largest Australian manufacturer of inverters utilising renewable energy sources in the manufacturing process.

We are constantly striving for improvements that enable our inverters to continue as the standard against which other brands are measured.



LATRONIC SUNPOWER PTY LTD.
CALOUNDRA QLD.4551
ABN 97 010 707 169
www.latronics.com

APPROVED DISTRIBUTOR



**PV EDGE GRID CONNECTED INVERTER
1200W - 2500W**

Turn Your Home Into a **GREEN** Power Station



100% AUSTRALIAN MADE

outstanding performance

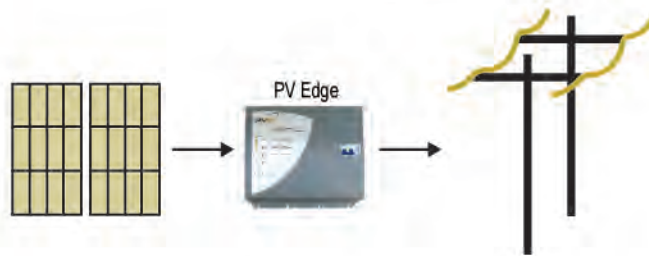
Over the past generation, Solar Hot Water systems have become a common sight on rooftops. More and more people are turning to the sun for clean, free energy.

In the modern era Photo-Voltaic (PV) Solar Panels are commonly used to generate electricity. The **PV Edge** enables you to feed the electricity you've generated back into the Grid. This effectively spins your meter backwards, reduces demand on Power Utilities and your home becomes a **green power station**.

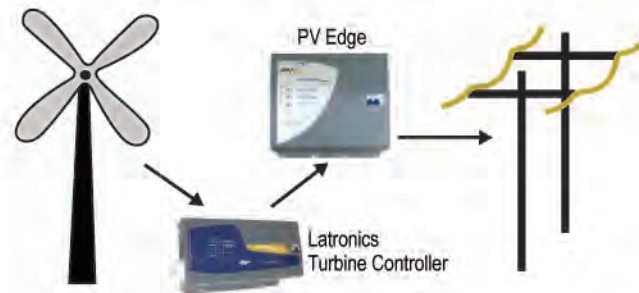
Innovation and Flexibility

The PV Edge can operate in a simple maintenance free system with Solar Modules only or, connect to Batteries to allow the use of other renewable energy sources such as Wind or Micro Hydro Turbines.

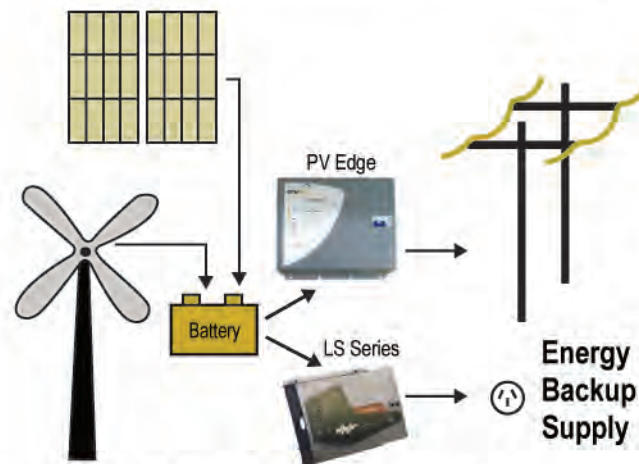
Alternatively combine the **PV Edge** with one of our Standalone Inverters for a fail safe Power System that exports excess energy to the Grid and also provides emergency back up power should the Grid fail. Your very own Solar Powered - Uninterruptible Power Supply.



Solar Modules Only



Wind Generator System



Multiple Renewable Energy Sources, with Emergency Backup Supply



Features

Circuit Breakers - DC Circuit Breakers are included for easy operation and to minimise installation time and costs.

Power Meter - Digital LCD watt-hour meter displays the amount of energy generated

Maximum Power Point Tracking - The Solar array is held at the optimum voltage and continually monitored in order to achieve the maximum power output.

Isolation - Galvanic isolation within the PV Edge provides optimal protection for your system and your household.

Reliability - Over 20 years of experience and continuous adherence to stringent quality standards ensures outstanding reliability.

Efficiency - The latest low loss switching technology combined with a high efficiency Toroidal Transformer maximises the output of the PV Edge even under conditions of minimal Solar Radiation.

Australian Made - The PV Edge is a world class Grid Interactive Inverter proudly designed and manufactured in Australia.