



PVM1010

Performance Monitoring for PV Powered Inverters

Expand the value and reliability of your PV system with performance monitoring from PV Powered. Using the PVM1010 data module to connect your PV Powered inverters to a local area network provides access to performance data, historical trends, and status reporting from your PV system. This data can be viewed from your PC through the secure mypvpower.com web site, and accessed by performance monitoring reporting services (PMRS) providers for solar incentive reporting. Support for open protocol communication is also available.

Through mypvpower.com, see the amount of power your PV system is generating, whether it is operating at peak efficiency, and much more. Easy-to-understand summary tables and detailed graphical charts show trends of voltage and power output over a variety of periods allowing you to plan maintenance and servicing. Sample graphs and a comprehensive list of Frequently Asked Questions (FAQs) help you identify ways to optimize system performance. An online service request to PV Powered's expert help desk brings quick assistance with complex issues or dispatches your local service technician if necessary.



FEATURES

- Easy field installation inside the inverter
- Detailed power data can be reported with better than +/-5% accuracy
- Energy output graphs include Hourly, Daily, Weekly, Monthly graphs of voltage vs. power output (updates sent from inverter to server every 15 minutes)
- Data available from each inverter or the total system
- Energy output data can be exported in standard spreadsheet format for further analysis

Data is compatible with performance monitoring reporting services (PMRS) for performance-based incentive reporting

- Online help request provides fast access to service and support



All PV Powered products are designed and manufactured in the U.S., are fully compliant with the Buy American Act, and qualify for projects funded by the federal stimulus package.

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SYSTEM SUMMARY

View current weather conditions along with the most recent AC peak power reading in kWp and AC energy production for today and over the system lifetime in kWh.



ENERGY DATA

A high-resolution graphical view of power and voltage levels makes trend and transient details easily visible for a variety of time periods. Quick Glance status table shows Lifetime Energy Production, AC Power output, Temperature, Status, Inverter Information.

SERVICE REQUEST

Should performance questions arise that are not addressed by the comprehensive online FAQs, a service request can be quickly sent to PV Powered's expert help desk.

SYSTEM INFORMATION

Installation	Factory installed or field installed by a qualified technician
Requires	High-speed, full-time Internet connection Standard CAT5 cable connecting each inverter to the network/Internet connection
Account registration	Register on mypvpower.com from the installation site
Inverter compatibility	PVP1100, PVP2000, PVP2500, PVP3000, PVP3500, PVP4600, PVP4800, PVP5200
Warranty	1-yr
Agency approvals	UL 1741, meets requirements for permanently connected devices
Environmental	Meets inverter environmental specifications