



# PARALLUX COMMUNICATION MODULE

## vBOOST DATA ACQUISITION COMMUNICATIONS UNIT



The Parallax Communications Module provides you with access to the operational data from the vBoost units. It is installed on the DC powerline between the solar PV array and the inverter, and reports data directly to the web, with no onsite configuration required. The data is made available to you through a set of web-based interfaces or as a direct download for your own monitoring programs.

### FEATURES

vBoost operational telemetry includes power, voltage, current, and temperature readings

Reporting interval from 1 to 15 minutes depending on installation

No incremental transmission hardware or wiring required

Centralized data repository and web-based access

Customizable central connection (broadband, wi-fi, or satellite data feed)

### TECH SPECS

Outdoor rated enclosure

Ethernet internet connection required

110VAC connection required

### EASY TO INSTALL

Transmission functionality is embedded in the vBoost box; no added hardware

Communication with vBoost over power line; no additional wiring

Simple-to-install, central communication module organizes and transmits data

Centralized web repository; no onsite configuration required

Parallax

*The smart path to clean energy*

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## WEB BASED DATA ANALYSIS INTERFACE

The Parallax Monitoring System provides you with state-of-the-art analytics toolkit that allows you to more effectively monitor and operate your solar plant. With panel-level data, the monitoring system provides you with unprecedented visibility into the health of your solar plant.

### REDUCE RISK

Component level visibility for greater reassurance that performance can be maintained over the life of the system

Downloadable financial reports to track payback time and system economics

Greater data to enforce warranty claims with component manufacturers

### ENHANCE ANALYTICS

Visualization dashboard for your customers to access their system performance

Intelligent troubleshooting and diagnostics of system errors

Integration with weather monitoring for detailed analysis of ambient conditions

Centralized web repository; no onsite configuration required

State-of-the-art measures of system health

### STREAMLINE OPERATIONS

Targeted fault detection - for fewer, faster, and smarter truck rolls

Monitoring alerts for fast notification of failures

Ability to manage multiple installations from one remote login

Maintenance log integrated with panel-level data for unprecedented visibility of performance history



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