

Sunny Buddy™



View, Track and Record System Performance on a Palm OS Device



Quick and easy set-up

No Sunny Boy Control or personal computer required

Monitor all key performance data at a glance

Watch solar output in a real-time graph

Record, store and review session performance

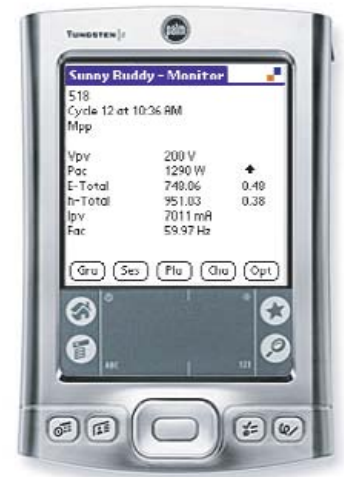
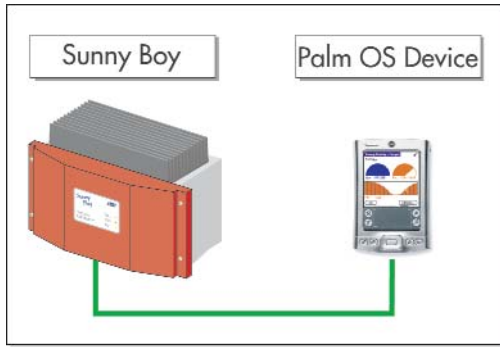
Monitor the entire PV plant

Log detailed data for further analysis and archival storage

Enjoy the convenience and portability of a Palm OS handheld

Excellent ease-of-use at minimal cost

Connect a Sunny Buddy directly to a Sunny Boy inverter, or network of inverters and begin viewing and tracking system performance immediately. Key system parameters are displayed real-time and in color - without a Sunny Boy Control or a personal computer. System and inverter data are displayed in both graphical and text formats. All data is recorded and stored for future review and archiving. A great tool for installers, field technicians and end users alike, the new Sunny Buddy is both portable and powerful.



Connect a Sunny Buddy directly to any Sunny Boy equipped with a communication card and begin viewing and tracking data immediately. The Sunny Buddy is truly plug-and-play, requiring no Sunny Boy Control or personal computer to operate. Sunny Buddy automatically configures itself to the solar plant even if there's a mix of Sunny Boy inverter models in the same system. All the key performance data is displayed for easy monitoring and there are two customizable channels that can be set to any of the available Sunny Boy parameters. Sunny Buddy displays and saves the system performance for each session, (a session is typically 24 hours) so you can review up to a year's worth of sessions with a tap of your finger. Session performance is also saved in spreadsheet format on the removable memory card. Sunny Buddy automatically marks active, inactive and non-responsive inverters within the solar plant and allows the user to create nicknames for each inverter in the system for added clarity. Sunny Buddy runs on standard Palm OS handhelds. These handhelds feature color displays, touch-screen control and excellent ease-of-use.

Specifications

Palm OS	Minimum Palm OS 3.5	Minimum Data Monitored	AC power output, PV voltage, total power produced, total hours of operation, operating mode, errors, date and time
Memory Card Operation	Minimum Palm OS 4.0 (Palm Memory Card not required for Sunny Buddy to operate)	Additional Data Monitored	Any of the available Sunny Boy channels
Compatible Palm OS Devices	Any Palm OS device that has a PalmOne "Universal Connector"	Session Display	Time start, time stop, hours of operation, total plant output, peak plant output and time, total kWh and total CO2 saved
Typical Compatible Models	m125, m130, m500, m505, m515, i705, Zire 71, Tungsten T2, T3 and C models	Graphical Display	PV voltage, PV power output, graph of PV power output
Memory Usage - Internal	100KB plus 5KB per inverter	Monitor Display	AC power output, PV voltage, total AC power produced, hours of operation, mode, errors, date, time and 2 user selectable channels
Memory Usage - Card (Optional)	8KB per day, 3MB per year	Plant Display	Table of inverters by performance and device type, power output, PV voltage, total power output, hours of operation. Inverter data includes serial number, model number and address
Save Interval	User Selectable		
Serial Connection	Palm Serial Cradle P10828U or Palm Serial Cable P10804U		
Power Usage	<10W (cradle & power supply) Internal batteries last approx. 12 hours		
Compatible Sunny Boy Models	SB700U, SB1100U, SWR1800U, SWR2500U, SB6000U		
Maximum Number of Inverters	50		

For complete packages contact:
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For software purchase only, tech support or questions contact:
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Energy Tomorrow**

