

Monitoring Service for AC Unison

Powerful Protection for the
Solar Power Investment

- Ensures maximum energy harvest
- Reduces maintenance costs over lifetime of the system



Real-Time Insight into Module-Level Performance



Online Monitoring Entrance



On-Site Accessible Information



BenQ
Solar

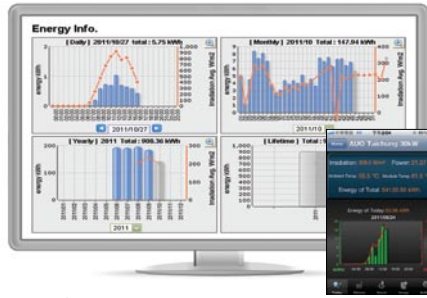
Monitoring Service for AC Unison



Daily Power Output Tracking of All Modules

Real-Time Insight into Module-Level Performance

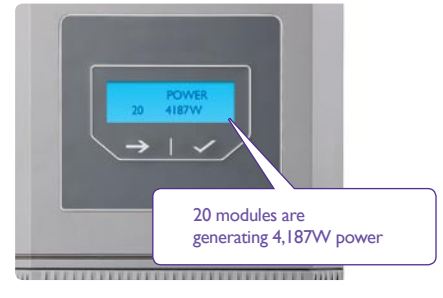
The BenQ Solar Monitoring Service can individually monitor the operating performance of each AC Unison module. This detailed electrical data can be accessed by either plugging a computer into the Data Logger or by logging in to the Solar Web Portal. Installers can easily determine if any specific module requires maintenance or other service.



Energy Summary

Online Monitoring Entrance

Web-based BenQ Solar Web Portal gives system owners and installers easy access to comprehensive power output information. Real-time graphical charts and historical statistics of an AC Unison can be viewed at any time through a web-enabled device.



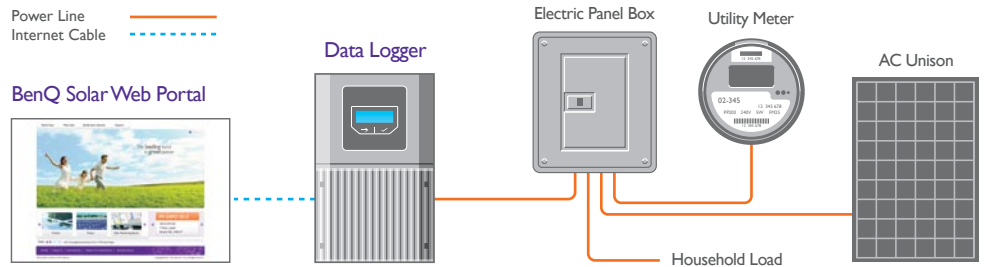
Data Logger

On-Site Accessible Information

The Data Logger is designed with a built-in display interface and data access ports that enable system owners and installers to quickly access general site information and module diagnostics directly from the device.

Power Line Communications

The Data Logger communicates with AC Unison modules through the installation wiring, enabling the installer to test the system before interconnection with the grid.



Data Logger Specifications

Communications	
With AC Unison module	Power Line Communications (PLC)
LAN	Ethernet with 10/100Base-T router; Auto-sensing; Auto-negotiating
Power Requirements	
AC Power Supply	Direct wire to service panel breaker or AC outlet
DC Power	Supply 2.5mm diameter; Polarity center pin positive (+)
Power Consumption	~0.1 amp
Mechanical Specifications	
Dimensions (L x W x D)	13.3 x 7.9 x 3.5 in
Weight	3.5 lbs
Ambient Temperature Range	-20 °C ~ +50 °C (-4 °F ~ 122 °F)
Cooling	Natural convection; No fans
Enclosure Environmental Rating	Type 3R
Other	
Compliance	UL 60950-1 ITE; UL 60950-22 outdoor use; FCC Part 15 Class B



BenQ Solar Monitoring Service is a powerful tool that protects the investment in AC Unison. It consists of the Data Logger and Web Portal. The Data Logger is a gateway device that monitors real-time power performance of an AC Unison and forwards that data to the BenQ Solar Web Portal via the Internet. The historical data collected by the BenQ Solar Monitoring Service can then allow easy troubleshooting.

Soligent

YOUR BENQ SOLAR DISTRIBUTOR
SOLIGENT
800-967-6917
www.soligent.net

Dealer Stamp



AU Optronics Corporation

No. 1, Li-Hsin Rd. 2, Hsinchu Science Park, Hsinchu 30078, Taiwan
Tel: +886-3-500-8899 e-mail: BenQSolar@auo.com www.BenQSolar.com



BenQ Solar is a division of AU Optronics The datasheet is printed with Soy Ink / Printed in Taiwan
© Copyright February 2012 AU Optronics Corp. All rights reserved. Information may change without notice.



BenQ
Solar