

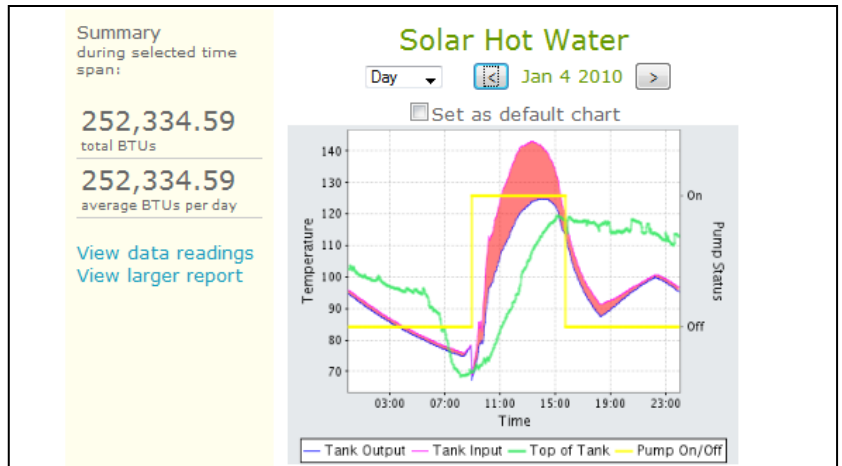
Apollo1 Energy Monitor

DEVICE FEATURES

- Compact Size (5.5”x 4”x 1.4”)
- Easy to Install – Plug and Play
- One Unit Monitors Solar Thermal and PV*
- Modular Sensor Design
- “ZERO Config” Setup (patent pending)
- Universal Interface for Solar Thermal
- Universal Interface for PV*
- Solar Thermal Sensors:
 - 3 Temperature Inputs (Tank Input, Tank Output, Top of Tank)
 - 2 A/C Load Inputs (pump status, re-heat coil status)
 - Pressure Switch Input
- PV Connection via standard Ethernet Cable
- Standard Ethernet connection to existing router
- LEDs to indicate local status
- Interfaces to SunReports Web 2.0 portal

WEB PORTAL FEATURES

- Displays current and past performance
- Calculates BTU usage
- Integrates data into one easy to read chart
- Customer and Installer Portals
- Configurable Alerts**
- Summary of System Performance**



DESCRIPTION

The Apollo1 Energy Monitoring Device provides “performance based” residential energy monitoring for both Solar Electric (PV) and Solar Thermal (HW). The ultra-low-cost solution brings the benefits of web-based monitoring within reach for all customers. With the ‘ZERO-Config’ setup, installation is simple and requires no on-site configuration or networking experience. Simply plug in the sensors and connect to an existing router and the unit self-configures to begin sending data immediately. The Apollo1 automatically interfaces to the SunReports Web2.0 portal via standard Ethernet to present real-time and historical data in an easy to understand format. The SunReports design philosophy is to “make energy easy”, easy to install, easy to use, and easy to understand.

Installer and Customer web portals are accessible anywhere there is a web-browser and an Internet connection. No application software required. Access SunReports monitoring from home, office, or around the world via any web-enabled desktop computer, laptop, netbook, or smart phone. The same unit is capable of monitoring solar PV, solar Hot Water, and solar Pool Heating systems. Installers can use the Installer Portal to monitor all their installations from one location.

Apollo1 Energy Monitor

INCLUDED

- 1 Apollo1 Device
 - 1 Ethernet Cable
 - 1 Inverter Cable
 - 2 A/C Load Cables (CT1 & CT2)
 - 1 Triple Temperature Sensor Cable
 - 1 Pressure Switch Cable*
 - 1 A/C Adapter (universal input, US plug)
 - Quick Start Guide
- * Pressure Switch Sold Separately

OPTIONAL ACCESSORIES

- Communication Package including Power Line Carrier (PLC) network bridge
- Pressure Switch

SPECIFICATIONS

Input Power:

- 5VDC, 1A

AC Adapter Input:

- 100-240VAC 50/60Hz

AC Adapter Plug

- US 2-prong

Physical Dimensions:

- 5.5 x 4 x 1.4in
- (139.7 x 101.6 x 35.6mm)

Weight

- 1.8lbs (0.82kg) with cables

Housing Material:

- Flame retardant ABS plastic

Housing Rating:

- UL 94-5VA

Regulatory:

- FCC-15 Class A

Operating Temperature

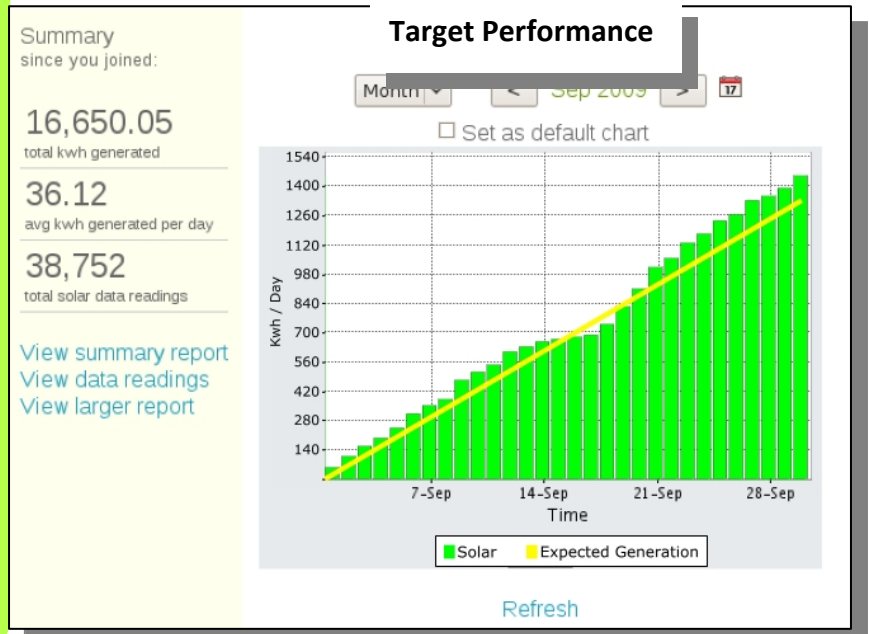
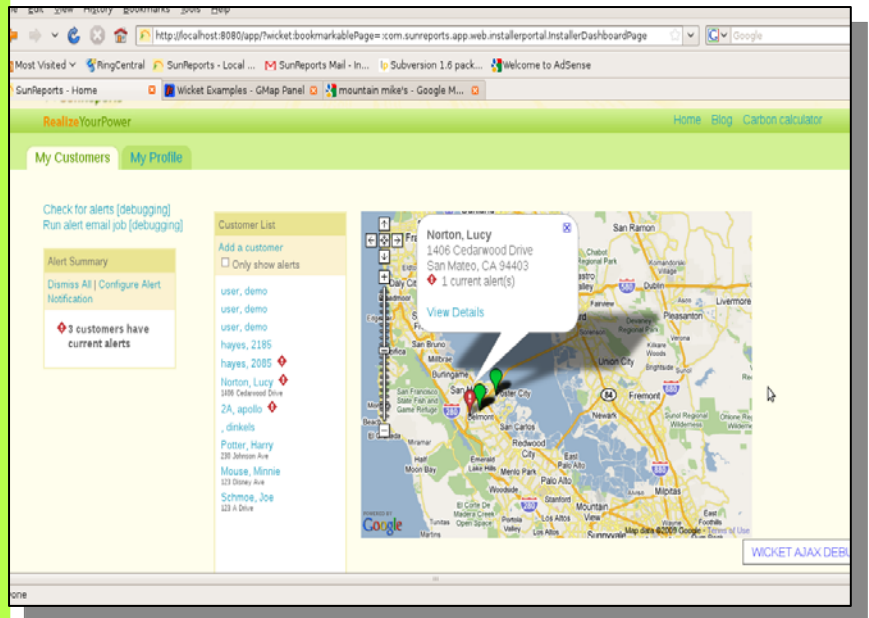
- 0-40°C (32-104°F)

Cable Lengths:

- 14' Ethernet Cable
- 14' Inverter Cable
- 5' A/C Load Cables (CT1 & CT2)
- 9' Triple Temperature Sensor Cable**
- 4' Pressure Switch Cable
- 6' A/C Adapter

** 3' common plus 6' for each sensor

Installer Portal – Map View



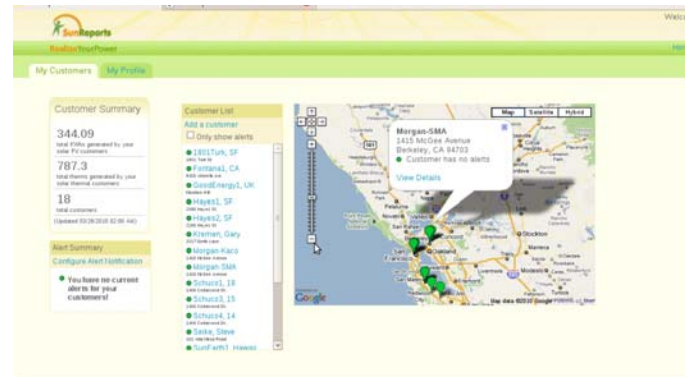
CONTACT

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Performance Monitoring Solutions

Solar Electric (PV) & Solar Thermal (Hot Water and Pool Heating) Systems

SunReports introduces the solar industry's first comprehensive performance monitoring solution for solar thermal systems. With the ability to simultaneously monitor both solar electric and solar thermal installations, SunReports offers installers and owners of residential and small commercial systems an easy and inexpensive method for ensuring optimal solar system performance. SunReports' solution consists of the **Apollo 1 Energy Monitoring Device** coupled with **web-based portals** for both installers and end-users. This easy-to-use system allows users to access performance data on any web-enabled device – from smart phones to laptops to TVs. Designed with solar installers in mind, SunReports' web portal allows installers to view their entire portfolio at-a-glance and identify system issues in real time. SunReports puts monitoring in a whole new light!



Apollo 1 Energy Monitoring Device

- Single device simultaneously monitors PV and solar thermal systems.
- Easy to install. ZERO-configuration means no on-site settings or formatting – just plug it in and it starts working.
- Compatible with leading inverters.
- Affordable enough to include with every installation.

SunReports Web-Based Portals

- User-friendly portal displays data gathered and sent over standard Ethernet cable. Accessible remotely from any web-enabled device.
- Custom alarm configuration; sends immediate alerts if there are system issues.
- Performance based monitoring tracks actual vs. estimated performance.

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