

Apollo1 Energy Monitor

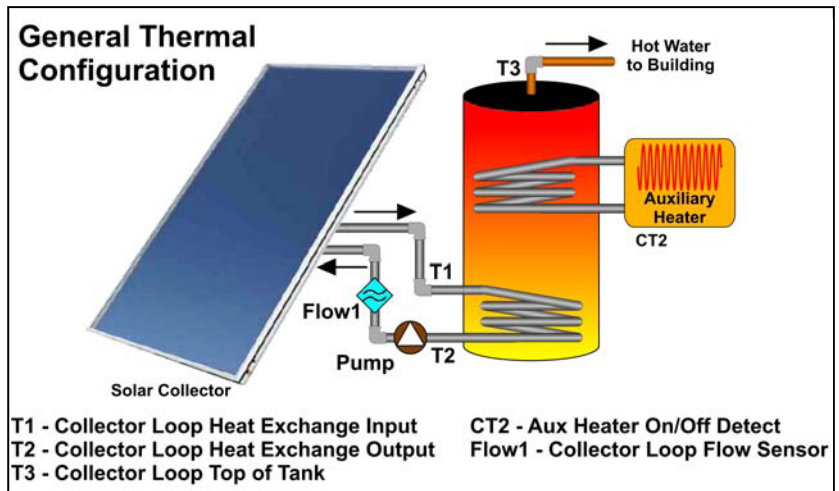
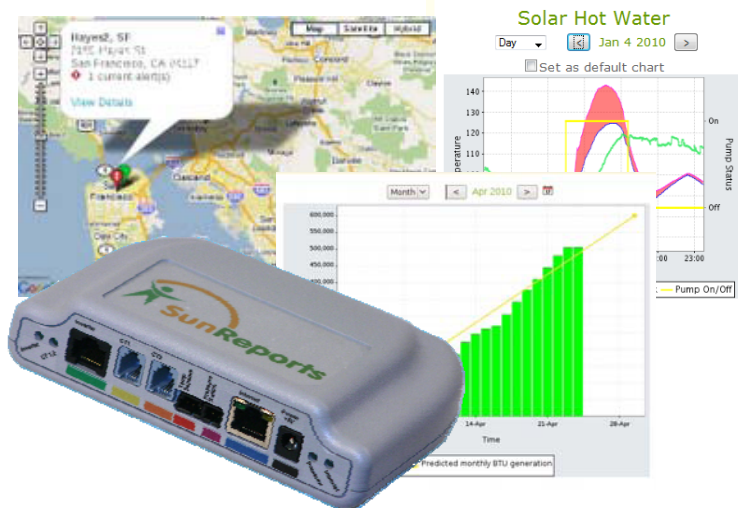
Robust and affordable remote monitoring system
for Solar Thermal and Solar PV installations

DEVICE FEATURES

- ☒ 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
- ☒ Grundfos® VFS Flow Sensor Compatible
- ☒ Solar Thermal Sensors:
 - 3 Temperature Inputs (Tank Input, Tank Output, Top of Tank)
 - 2 A/C Load Inputs (pump status, re-heat coil status)
 - 1 Grundfos® Flow Sensor Adapter Cable
 - 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

- ☒ Separate Secure Login for Installer and User
- ☒ Installer Portal with Integrated Google Maps
- ☒ 5 Year Service Model
- ☒ Access Data from Any Web Browser
- ☒ Computer and Mobile Phone, iPhone Compatible
- ☒ View Predicted vs. Actual Performance for kWh and BTU/hr
- ☒ No Software to Install



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-Configuration’ 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 remote location.