



ePower[®]

Manager Series

Panel Monitor and Control

- Utility Grade 1% Accurate Smart meters Monitoring VAC and Amp draw
- 30A/277VAC, 40A/240VAC, 2hp/250VAC Switching capabilities
- Network Interface TCP/IP SNMP, USB
- 6 independent monitoring lines up to 3200 Amp loads
- Scalable solution with ePower Gateway

Specifications:

Size: 1 1/2" H x 9 1/8" W x 6 5/16" D

Color: Black powder coat

Mounting: Panel, button mount

Control voltage: 5VDC

Environmental Requirements:

- Operating temperature: 5°C to 60°C
- Humidity: 5-90% RH non-condensing
- Altitude: 10,000

Load rating:

 (Configuration dependent)

1 independent circuit @
30A/277VAC, 40A/240VAC, 2hp/250VAC
6 independent monitoring lines up to 3200
Amp loads


Management:

Network Interface
USB 2.0
Multi-color LED control indicator

Terminal Type:

Mechanical Lug 2-16AWG

U.S. Patent No. 7,550,870/7,630,186/ 7,672,104
Additional Patents Pending

Approval: UL 916 



Overview

The ePower Manager series provides all the components necessary to comply with Title 24 Electrical Distribution System Requirements. It is intended for use in monitoring distribution panels and switching receptacles in required spaces. The ePower Manager series will scale with the end users needs, providing smart and accurate controls and metering with 1% accuracy.

- Title 24 compliant
- LED circuit status indicator
- Switched circuit max rating of 30A/277VAC, 40A/240VAC, 2hp/250VAC
- 6 independent monitoring lines up to 3200 Amp loads
- Patented Power Management Technology

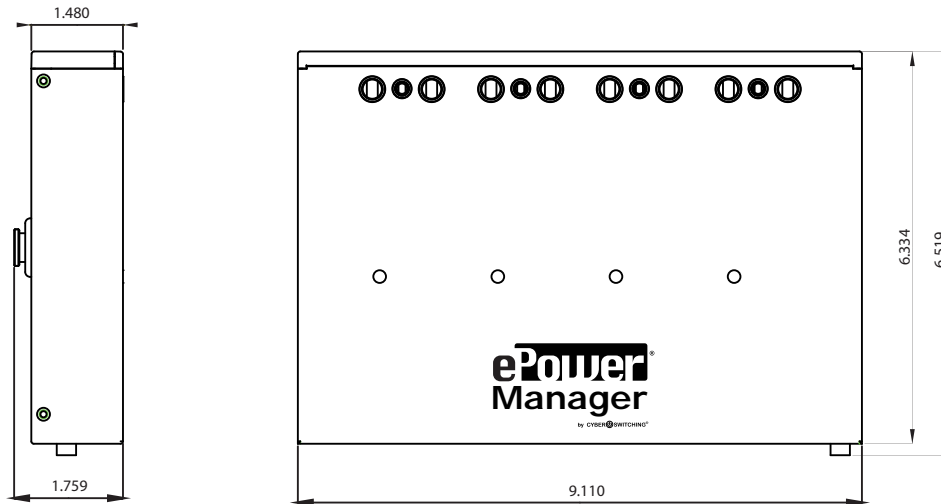
Solution

The ePower Manager can be utilized as a standalone device or placed in a larger configuration to deliver a truly scalable solution for those that need to manage a larger facility. When the ePower Manager is configured with the ePower Gateway the number of managed AC loads is only limited to the end users needs. The ePower series of products we offer allow new builds as well as retro fits to be California Title 24 compliant.

- Automated demand/response with energy utility provider
- Discover energy inefficiencies that normally go unnoticed
- Track and trend energy consumption
- ease of use and installation

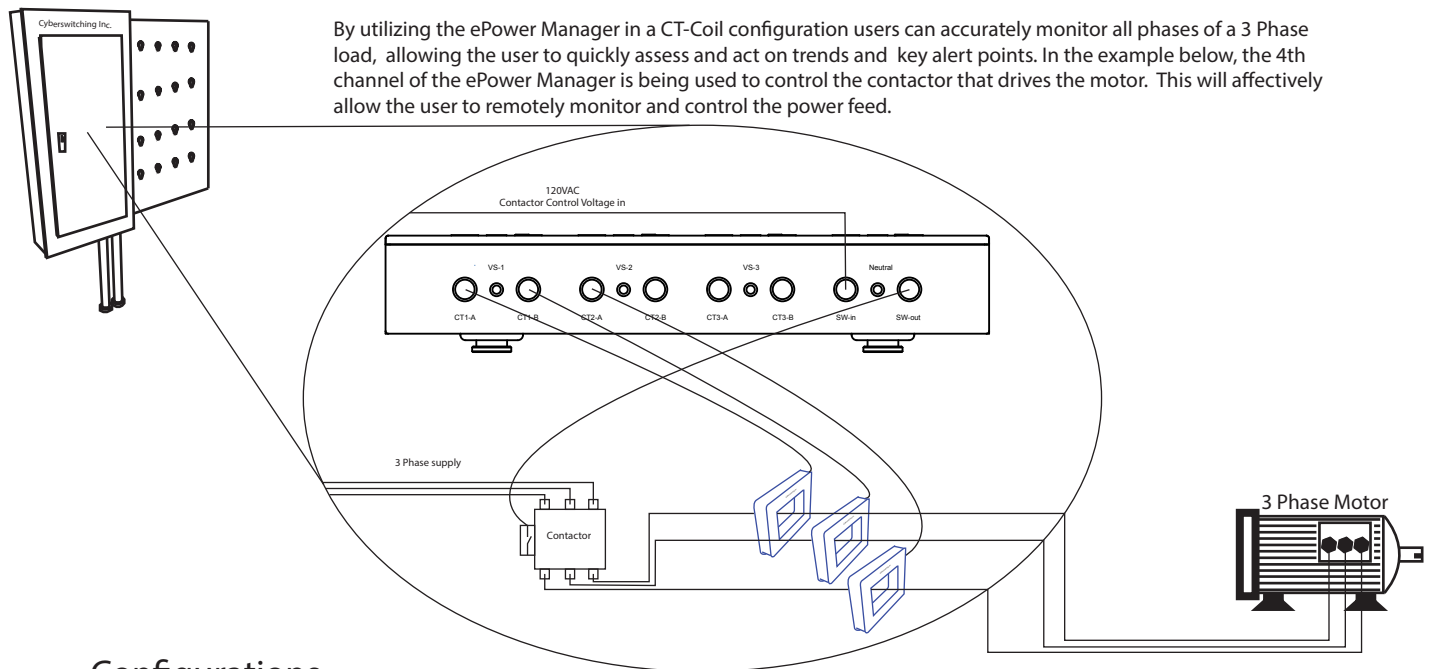
Asset, Facility or Infrastructure Managers now have a tool that will allow them greater visibility and control of their energy consumption. Giving them the information they need to properly allocate resources to maximize efficiency measures.

Diagrams



Sample Circuit

Cyberswitching Electrical Panel box with extended, button mount, backplane equipped with an ePower Manager



Configurations

Product Code	Description	Rating
2010203	1 independent switched channel, relay type NO 6 independent monitoring lines	30A/277VAC, 2hp/250VAC, 60Hz 3200 Amp
2010214	1 independent switched channel, relay type NC 6 independent monitoring lines	30A/277VAC, 2hp/250VAC, 60Hz 3200 Amp

NOTE: For monitoring loads, CT-Coils are sold separately.