



# ePower<sup>®</sup>

## Manager Series

### Line Monitor and Switch

- Utility Grade 1% Accurate Smart meters
- 30A/277VAC, 40A/240VAC, 2hp/250VAC Switching capabilities
- Network Interface TCP/IP SNMP, USB
- Monitor and control Level 2 car charging station
- 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)

4 independent circuits @

30A/277VAC, 40A/240VAC, 2hp/250VAC

**Management:**

Network Interface

USB 2.0

Multi-color LED control indicator

**Terminal Type:**

Mechanical Lug Screw

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
- 4 independent line circuit controls
- Per circuit max rating of 30A/277VAC
- Patented Power Management technology

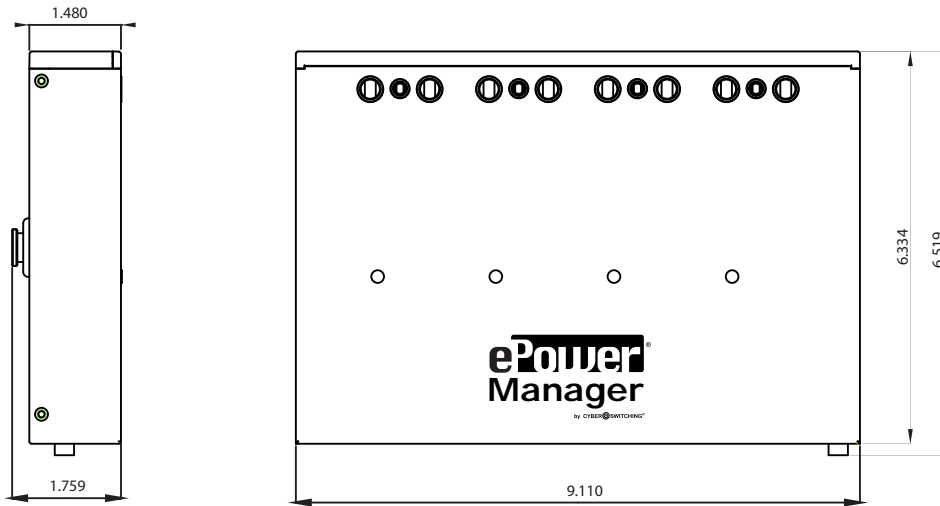
## Solution

Four independent channels of monitoring and controls, 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

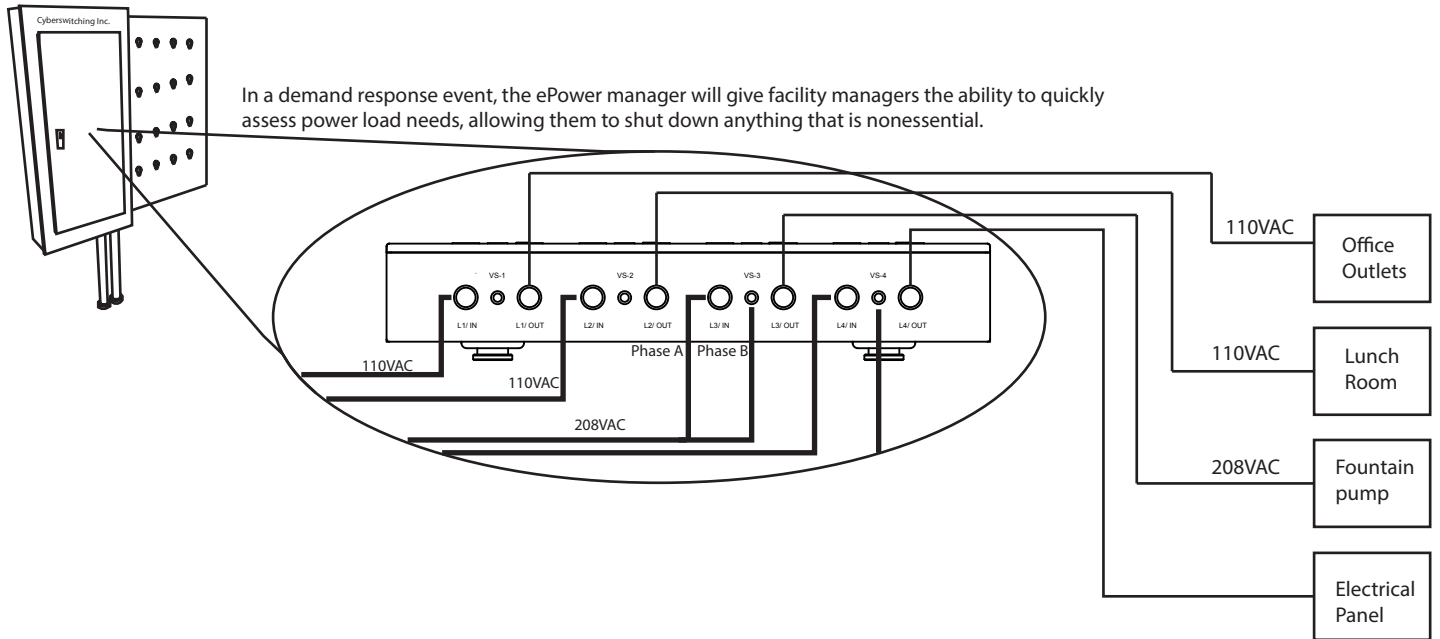
Asset, Facility or Infrastructure Managers now have a tool that will allow them greater visibility and control of their energy consumption. Giving them the information they need to properly allocate resources to maximize efficiency measures.

## Diagrams



## Sample Circuit

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



## Configurations

Product Code	Description	Rating
2010202	4 independent switched channels, 5VDC NO relays	30A/277VAC, 2hp/250VAC, 60Hz
2010213	4 independent switched channels, 5VDC NC relays	30A/277VAC, 2hp/250VAC, 60Hz