emporia

VUE Smart Home Energy Monitor

EMV3-A

Description

The Emporia Vue Energy Monitor installs in most common electrical panels to send usage and production data to the Emporia cloud and mobile app. It reports how much energy is being used or generated in real time to reduce unnecessary consumption. Automate and control Emporia Smart Plugs, EV Chargers, Home Batteries, and 3rd party smart devices. Set energy goals to automatically save energy and money.

Features

- Automate Smart Plugs, EV Chargers, Home Batteries, and 3rd party smart devices to save on energy bills
- 24/7 Real Power monitoring
- Real-time / granular 1 second data
- Monitor solar / net metering
- Individual circuit monitoring
- Savings recommendations
- Isolated / independently measured voltage channels
- Resizable CT wires to reduce clutter
- Secure screw terminals / ports
- Connect to cloud over WiFi or Ethernet
- UL61010 and UL2808 certified
- Compatible with DIN rail mounting
- ±2% Accuracy

Specifications

Supported Systems	Single phase, 2-wire systems; Single-split phase, 3-wire systems; 3-phase, 4-wire Wye systems with earthed (TN or TT) neutral (no-Delta)
CT Current Sensors	Up to 3 x 200A mains and up to 16 x 50A branch circuits
Max Voltage Sensing	264VAC L-N per channel
Wi-Fi	2.4 GHz, IEEE 802.11b/g/n
Ethernet	10/100Base-T, IEEE 802.3
Operating Conditions	-40° - 122° F (-40° - 50° C)	0-80% RH	3,000 meters above sea level	Indoor	Dry location	Pollution Degree 2

Branch CT 3.8mm screw terminal ports

Wiring harness 7.6mm screw terminal port

Main CT screw 5mm terminal ports (A,B,C)

WiFi antenna connector

RJ45 LAN port

Power input wire harness

M3 DIN rail mount

28mm
145mm
70mm

40mm
51mm
Ø 22mm
70mm
37mm

27mm
29mm
Ø 10mm
48mm
29mm

22 AWG wire and 5mm screw terminal plug

22 AWG wire and 3.8mm screw terminal plug

FC CE IC UKCA c UL us LISTED