

emporía

SMART ELECTRICITY MONITOR

THE NEXT SMART HOME DEVICE

BENEFITS OF EMPORIA ENERGY MONITORING SYSTEM



DECODING ELECTRICITY BILLS

No More Guesswork, know exactly where & how your electricity got consumed.



REMOTE MONITORING

Anytime - Anywhere - Get the Knowledge of Power on your Palm. View data in convenient to grasp Graphics.



MONITOR EVERYTHING

Track all energy consuming appliances in real time, eliminate leakage, wastage, misuse or theft



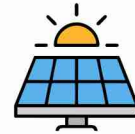
EASY INSTALLATION

Emporia easily fits inside most DP boxes in home, office, factory or retails, in 30 minutes or less. It's Non Invasive, no wire cutting.



ALERT NOTIFICATIONS

Set your own notification alerts based on Power usage or surge within a time frame prescribed by your needs.



NET SOLAR METERING

For homes with Solar, Emporia Vue Monitors are capable of monitoring your gross solar production along with Import Export & Net Metering with Grid"



SAVE UPTO 20%

Studies show that Monitoring with Emporia saves upto 20% electricity. A great management expert correctly said "You Can't Manage What You Don't Measure"



SCALABLE & FLEXIBLE

Add multiple shops, factories & nest them in a single app to get combined & tabularized readings. Start with a basic monitor and add Modules your need grows.

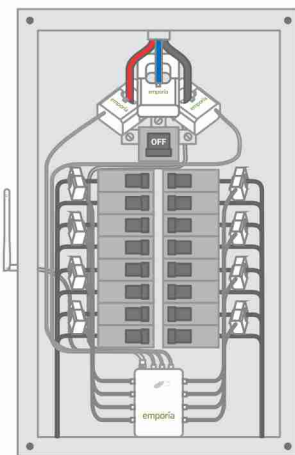


NO APP SUBSCRIPTION CHARGES

No hidden cost by way of any subscription charges for app use. Sim card cost as the device works on Wifi.

How Emporia Smart Energy Monitors Work

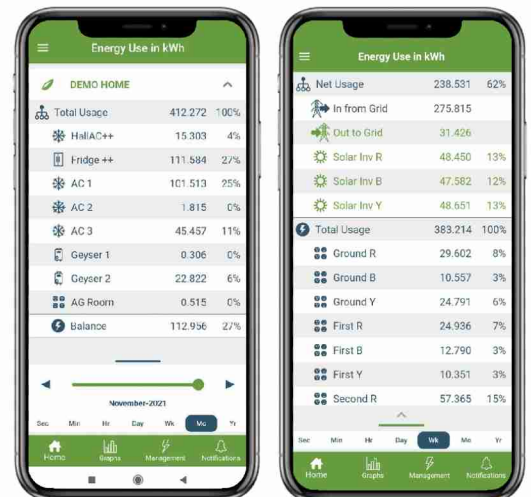
Emporia Vue Gen2 Monitor comes with 1,2 or 3 split core CT sensors of 200A each, which clamps on 1 or 3 phase (live) mains from the meter/master panel into the distribution panel (DP Box) of home or commercial. Further depending on the option, the package has 0 - 8 or 16 split core CT Sensors of 50A each, which clamps on load circuits (typically MCBs feeding individual ACs, Geysers, Fridge, Pumps etc). CTs are non invasive i.e. No wire cutting, a plug & play. These sensors connect with Emporia Vue Gen2 Monitor that collects the data & saves them on cloud server. Download Emporia Energy App from IOS/android store, it will guide the Monitor connection with Cloud server with help of normal home/office Wifi, in a seamless manner. Name the Circuits as you wish to identify the appliance / equipment or room. When done the App will track power drawn from main, by individual appliances (max sixteen per monitor). No guesswork, In real time.



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Connect to Wi Fi Network



Gen 2 - 3 Phase Energy Monitor with Three 200A Sensor & 50A Current Sensors

Granular Graphical Visual on Mobile App with Historical / Real Time Data in KW / KWH

APPLICATIONS OF EMPORIA ENERGY MONITORING SYSTEM

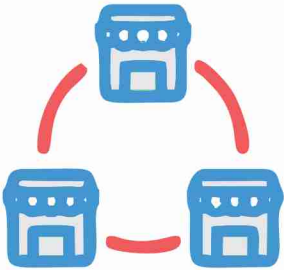


HOMES & APARTMENTS

Homes & Flats with over Rs. 5000 in monthly electricity bills can view precisely where and how the electricity is used. Emporia users know that monitoring their homes saves them 15-20% power.

Easy plug and play 20 minutes install, non invasive inside DP box.

No wire cutting/rewiring required. Emporia Vue Fits Inside the existing DB Box.



RETAILS & CHAIN STORES

Track electricity usage, before, after or during open hours to pinpoint misuse, wastage and inefficiency areas.

CEOs can Monitor stores On the Go, in real time. Flexible and Scalable for Single Store operation to Multi Location Brands.

Analyse and compare or export deep data for forensics.

Set Alert notification on various usage criteria of whole shop or appliance wise.



SMALL & MEDIUM FACTORIES

Convert to smart factories at fraction of cost associated with energy monitoring systems. Monitor comes with 3 - 200A & 8/16 - 50A split core CT sensor for main and load circuits.

Track performance of each machine, compare power consumption with actual production in real time or daily basis. Reduce costly repairs with preventive maintenance. Set notification Alerts.

Download reports for deeper forensics and know your monthly power bills beforehand.

Ideal for Large Homes / Light Commercials



Gen 2 - 3 Phase Whole Home Energy Monitor With Three 200A Sensors



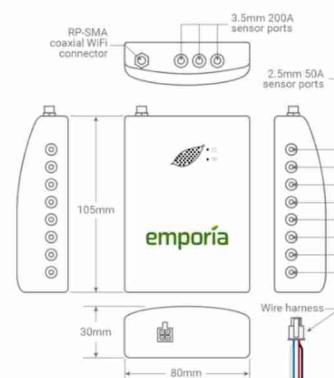
Gen 2 - 3 Phase Energy Monitor With Three 200A Sensor Plus Eight 50 A Current Sensors



Gen 2 - 3 Phase Energy Monitor With Three 200A Sensor Plus Sixteen 50A Current Sensors

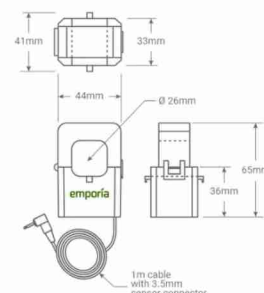
GEN 2 VUE ENERGY MONITOR

Supported Systems	1) Single-phase up to 240 VAC line-neutral; 2) single, split-phase 120/240VAC; and 3) three-phase up to 415Y/240VAC (no delta)
WiFi	2.4 GHz 802.11b/g/n
Input Power Rating	100-240VAC 50-60Hz
Power Consumption	< 3W
Certification	Energy Monitor: EMCTV2 (E506714) as per UL/IEC/EN 62368-1
FCC ID	2AS6P-EMPCTV2
Dimensions	4.1"x3.1"x1.1" (105mmx80mmx30mm)
Operating Conditions	-40°-122°F (-40°-50°C) 0-80% RH
200A sensor ports	3 @3.5mm two-pole audio connector
50A sensor ports	16 @2.5mm two-pole audio connector
WiFi antenna port	1 @ RP-SMA Coaxial connector
Wire harness (power) port	1 @ 4-pin Molex connector



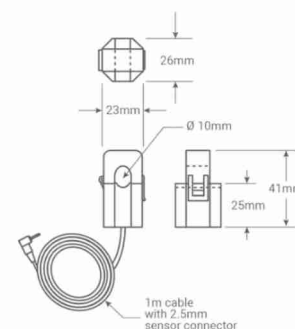
GEN 2 200A CURRENT SENSOR

Frequency	50-60Hz
Max Current	200A
Output	0.0 - 0.333V (Measuring 0-200A)
Accuracy	±2%
Dimensions	2.6"x1.7"x1.6" (65mmx44mmx41mm)
Window Diameter	1" (26mm)
Cable Length	39" (1m)
Connector	3.5mm right-angled two-pole audio connector



GEN 2 50A CURRENT SENSOR

Frequency	50-60Hz
Max Current	50A
Output	0.0 - 0.333V (Measuring 0-50A)
Accuracy	±2%
Dimensions	1.6"x0.9"x1" (65mmx44mmx41mm)
Window Diameter	0.39" (10mm)
Cable Length	39" (1m)
Connector	2.5mm right-angled two-pole audio connector



Designed & Made by:

emporia

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