

# Use-case I (AMERICAS & APAC) - Energy Manager App Pre-installed on Edge HW

R415025749

Emerson  
Energy  
Manager

2025-02-21

- Emerson Energy Manager is a solution for monitoring and visualizing energy usage, tracking costs, and CO2 impact.
- Calculate and display energy consumption (kWh), power demand (kW), associated CO2 emissions (kg), and related costs over selected periods.
- Pre-installed ready-to-go software and hardware solution that starts your journey to monitoring energy consumption.
- It helps you visually gain actionable insights into the energy consumption of various assets, including machines, across various production lines.
- Shows periods of idle power and peak demand, as well as low activity periods and weekend energy usage, making it easier to differentiate between productive and non-productive hours.
- Monitor voltage and frequency fluctuations and identify recurring or isolated power-related anomalies with continuous power demand monitoring.
- The Energy Manager dashboard automatically provides detailed tables with summary values for energy consumption, energy costs and associated CO2 over various time periods.
- Edge hardware provides greater scalability and easier connectivity to energy meters such as Emerson's RSTi-EP and selected third-party energy meters and power analyzers.



## Emerson Energy Manager

Emerson Energy Manager is a solution that monitors the energy consumption of assets in real time. It enables customers to gain deeper insight into the energy consumption and costs of energy-intensive assets, such as machines, and across multiple production lines. With this information, users can make informed decisions to reduce energy costs and improve sustainability and energy efficiency. The Energy Manager app, pre-installed on the Edge hardware, can be easily set up to collect relevant data from connected energy meters. It provides real-time dashboards to visualize energy demand, consumption, associated costs and CO2 emissions.

## Technical data

Use-case Description

Energy Manager app pre-installed on edge hardware with PACEdge license included.

Number of Endpoints

10

RXi2 - Part Number Recommended

RXi2-BP

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Product Code / Part Number Recommended

R2B0N1E1N3A0A

Part Description

CPU - V1605B, 4c/8t, 12-25 W, 2.0~3.6 GHz,  
RAM - 8 GB DDR4, SSD 128 GB

Part No.

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