



# inPower Specification

Building Management Systems

+1-207-370-6517

sales@powerwisesystems.com

## Description

The inPower is a kilowatt hour (kWh) energy and power meter with ANSI C12.1 and ANSI C12.20 class 0.5 accuracy. It communicates via Modbus RTU. This meter can measure all 1, 2, or 3 phases, in delta or wye services, from 120 to 600 Vac. Using split core current transformers, it can measure 5 to 6,000 amps. It is packaged in a compact, DIN-rail mount enclosure.

## Data Provided:

- Power (Real, Apparent, & Reactive)
- Energy (Real, Apparent, & Reactive)
- Power Factor
- Voltage (Phase-Neutral, Phase-Phase)
- Line Frequency
- Current



## Power Supply

- 12-24VDC/24VAC, 1VA Max

## General Electrical

- **Line Frequency:** 45 to 65 Hz
- **Line-to-Neutral VAC:** 90 to 347 Vac
- **Line-to-Line VAC:** 120 to 600 Vac
- **Over-Current Limit:** 200% of rated current.

## Current Transformer Inputs

- **Input Voltage:** 0 - 0.333 VAC

## Regulatory

- **UL:** UL Listed 2808
- **FCC:** Class B, FCC Part 15, radiated and conducted emissions
- **CE:** EN 61326-1: 2013, industrial locations
- RoHS Compliant



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## Environmental

- **Temperature:** (−40°C to +80°C)
- **Humidity:** non-condensing, 5 to 90% (RH) up to 104°F (40°C)

- **Altitude:** Up to 9842 ft (3000 m)

## Mechanical

- **Enclosure:** High impact, ABS/PC plastic
- **Flame Resistance Rating:** UL 94V-0, IEC FV-0
- **Size:** 19 in. × 3.68 in. × 1.15 in. (106.4 mm × 93.4 mm × 29.1 mm)

