

Description

The inBridge is a wireless bridge for sending Modbus RTU data to the PowerWise inGate. Connect the inBridge to a 12 - 24VDC or 24VAC (Full Bridge) power supply and associate it with the inGate for quick installation.

The inBridge wirelessly transmits via Zigbee (2.4 GHz) with an indoor range of 200' and a line-of-sight range of 4000'. The radio can also be upgraded with high-power radios for added range.

Dimensions 1.3" (33.1mm) W x 3.4" (87mm) H



APPLICATIONS

- Solar Inverters
- Electricity Meters
- BTU & Flow Meters
- RTU Controllers
- I/O Modules
- Weather Stations

Operating Range:

- -40 - +125 °C
- 0 - 100% RH (non-condensing)

Power Rating:

- 12-30 VDC & 22-28 VAC(max)
- 300 mVA Max

Serial Communications:

- Modbus RTU
- 9600, 8, N,1

Wireless Communications:

- Zigbee 2.4 Ghz
- Data Rate: 250 Kbps

Antenna:

- RP-SMA Connection
- 2 dBi Gain Standard.
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Certifications:

- RoHS
- FCC, IC (NORTH AMERICA)
- ETSI (EUROPE)