



PQube-in-a-Box.

A plug and play package, ready to install anywhere.

Need a quick and convenient way to install your PQube? No room inside the panel to mount a DIN rail? The PQube-in-a-Box (PQiaB) is your answer. Perfect when you want a permanent, accessible installation, or where panel space is limited. Comes complete with Ethernet port for built-in web server access, automatic email notification, and remote Modbus meters.

Highlights:

Ready to install immediately – All connections to your PQube are pre-wired. Quick-connect terminal blocks allow for quick and safe field wiring.

Powered by mains AC voltage – No separate instrument power required!

Weather resistant enclosure – Ready to install anywhere, and with hinged front window for easy access to the PQube display and SD card.

Room for a cellular modem – Optional kit allows mounting of a cellular modem when remote communications is desired but there's no Ethernet is available.



What's included in the package?

- Complete PQube Power Quality and Energy Monitoring Kit – everything is already pre-wired and assembled inside the box! Just order 333mV output current sensors for your application.
- Quick-connect terminal blocks for 1-phase and 3-phase voltage and current.
- Pre-wired 3-phase circuit breaker (*quick, safe installation*), and Ethernet jack (remote comms)
- Weather resistant enclosure with IP54-rated front window and IP44 rated air vents.
- *Optional:* cooling fans, pole-mount bracket, and cellular modem mounting kit.

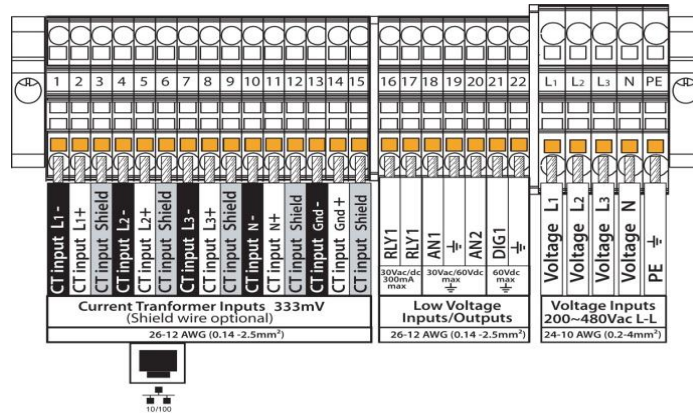


Installation is simple; just drill holes as needed for wiring/conduit, mount enclosure, and make wiring connections using convenient quick-connect terminal blocks.



Choose from four standard models based on measurement voltage

If you <u>have</u> a neutral conductor (Instrument will be powered from L1-N)	If you <u>do not have</u> a neutral conductor (Instrument will be powered from L1-L2)
100V-240V Line to Neutral applications. P/N: <u>PQiaB-100V~240V-L-N-00</u>	100V-240V Line to Line applications. P/N: <u>PQiaB-100V~240V-L1-L2-00</u>
200V-400V Line to Neutral applications. P/N: <u>PQiaB-200V~400V-L-N-00</u>	200V-480V Line to Line applications. P/N: <u>PQiaB-200V~480V-L1-L2-00</u>



Options:

1. Temperature Controlled Cooling Fans: CF-01

Includes 2 cooling fans and temperature/humidity probe. Uses TH1 probe and PQube's relay output to control the fans.

2. Pole-mount Bracket: PMB-01

Aluminum U-Channel bracket for mounting your PQiaB to a utility pole. Slots provided for standard metal bands.

3. Cellular Modem Mounting Kit: MMK-01

Includes:

- Modem mounting plate, compatible with the following modems:
 - CalAmp Landcell 882
 - Sierra Wireless Airlink Raven XE
 - MultiTech MultiModem rCell
 (other modems may fit, but you may need to drill holes on mounting plate)
- Coaxial cable for connecting modem to enclosure-mounted SMA antenna connector.
- Magnetic-mount antenna with integral cable (note; customer may need to supply different antenna configuration depending on location/signal strength).
- Ethernet cable for modem-PQube connection.
- 24VDC @ 500mA supplied by onboard power supply.

