

# PQube® 3 Pre-wired rugged wall-mount



## For a quick and easy wall-mount installation – comes with a convenient access window

Get your PQube 3 pre-packaged in an indoor/outdoor rugged wall-mount enclosure.

It's IP44 rated, vented, made from non-corrosive polycarbonate, and comes with a hinged window for color touchscreen display viewing or access.

You don't need a separate instrument power source - the instrument powers from the monitored line voltage.

Easily connects to the Internet using cell-modem- ready option. Your PQube 3 emails reports directly to your inbox. No software required!

## Product Highlights

PQube 3 Power Analyzer, pre-packaged in a rugged polycarbonate indoor/outdoor enclosure with hinged viewing/access window.

- Easy/safe field wiring - Quick connect terminal and fuse blocks. Just drill holes for your conduit or cable glands, connect wiring, and you're ready to go!
- Rugged and Safe - IP44, high voltage rated, corrosion resistant outdoor enclosure
- Hinged window permits safe touch screen display access - for configuration and real-time meter viewing
- Self-powered: your PQube 3 is powered from the measured voltage
- UPS battery-backed - comes with 1-hour battery backup
- Secure - comes with padlockable door clasps
- Wide measurement voltage range - 100~480Vac
- Eight current channels - compatible with IP65 rated split-core and flexible current sensors
- Additional I/O: Relay output, 4 analog inputs and digital input



## Options/Accessories

- **Integrated modem mounting kit for your cell modem**  
Includes an internal modem mounting plate, 2 indoor/outdoor antennas on the enclosure, internal antenna and Ethernet cables, and 24Vdc for your modem (ask about 12Vdc modem applications).  
Compatible modems: Landcell 882, Airlink Raven XE, Airlink GX, MultiModem rCell.



- **Integrated ultra-precise isolated GPS receiver**  
Includes a plug-in high-accuracy MS1 time synchronization module, and an isolated GPS1 receiver mounted on the enclosure.

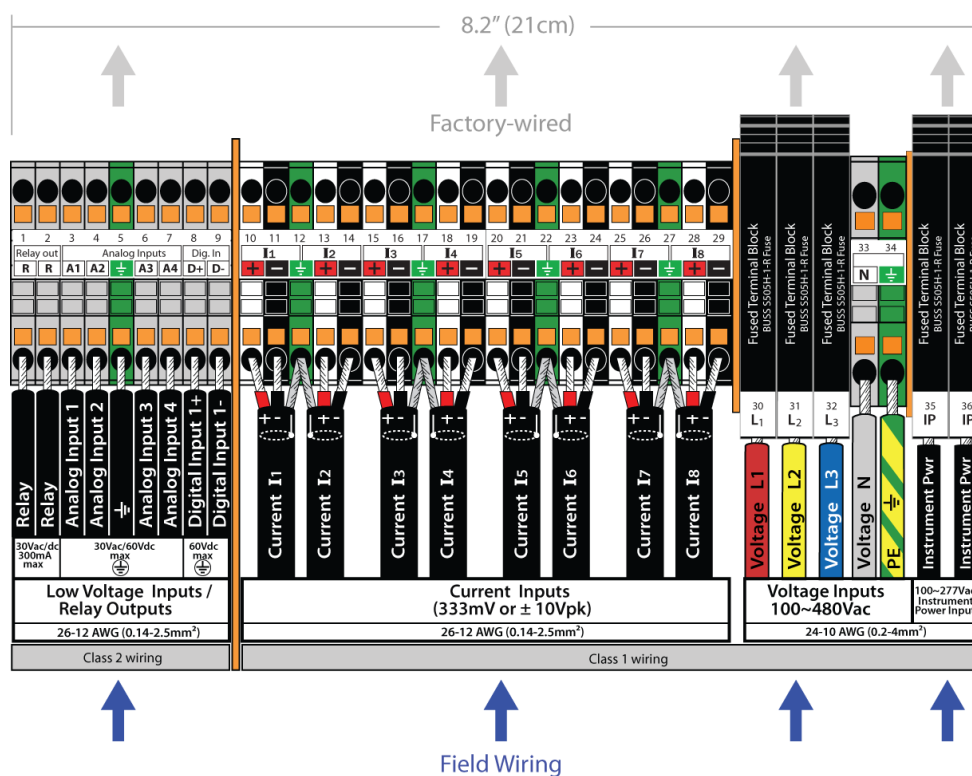
- **Remote mount kits for GPS receiver/cell modem antennas**  
Includes [Remote Antenna Bracket](#) and outdoor rated cables.



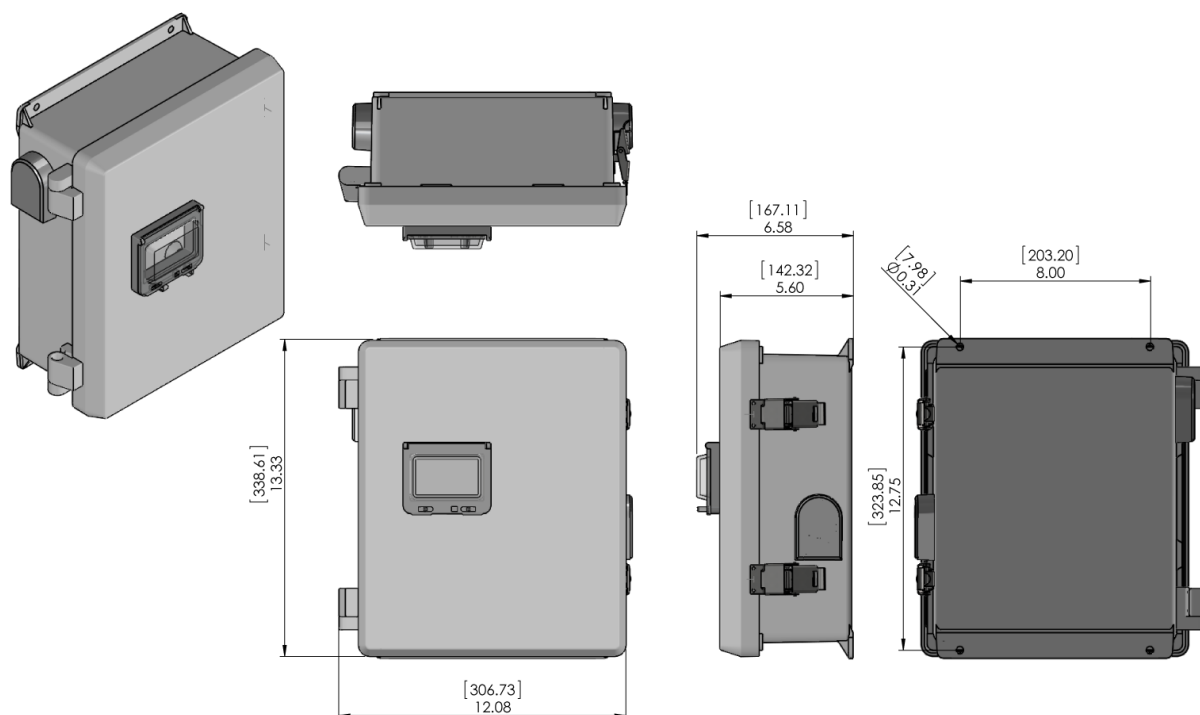
## Specifications

| Characteristics     |                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature         | Ambient: -20°C ~ +50°C                                                                                                                                            |
| Humidity            | Range: 5%~ 90%RH                                                                                                                                                  |
| Protection Rating   | IP44                                                                                                                                                              |
| Field Wire Gauge    | Low Voltage Inputs/Relay Outputs/Current Inputs: 26-12 AWG (0.14-2.5mm <sup>2</sup> )<br>Voltage Inputs/Instrument Power Inputs: 24-10AWG (0.2-4mm <sup>2</sup> ) |
| Voltage Input Range | 100~480Vac                                                                                                                                                        |
| Current Input Range | 333mV or +/- 10V peak (through split-core CT's or flexible CT's)                                                                                                  |
| UPS Backup          | 5 minutes to 1 hour - user configurable                                                                                                                           |
| Weight              | 12 lbs (5.5kg)                                                                                                                                                    |
| Material            | Polycarbonate with stainless steel claps                                                                                                                          |

## Field Wiring Connections



## Dimensions



## Order Information

|                                                                        |                                     |
|------------------------------------------------------------------------|-------------------------------------|
| <b>Rugged Pole Mount (Base Model)</b>                                  | P/N: PQ3iaB-Rugged-Wall-000-0000-00 |
| <b>Add a modem mounting kit for your cell modem</b>                    | P/N: PQ3iaB-Rugged-Wall-M24-0000-00 |
| <b>Add an integrated ultra-precise isolated GPS receiver</b>           | P/N: PQ3iaB-Rugged-Wall-000-GPS1-00 |
| <b>Add modem mounting kit <u>and</u> an ultra-precise GPS receiver</b> | P/N: PQ3iaB-Rugged-Wall-M24-GPS1-00 |
| <b>Remote mount kits for GPS receiver/cell modem antennas:</b>         |                                     |
| Remote Cell Antenna Mounting Kit (for 2 antennas)                      | P/N: RAK-PQ3iaBR-4M-00              |
| Remote GPS1 Receiver Mounting Kit                                      | P/N: RGPS1K-PQ3iaBR-4M-00           |
| Remote Cell Antenna and GPS1 Mounting Kit                              | P/N: RAGPS1K-PQ3iaBR-4M-00          |