

## PQube® 3 Portable



## Features

- Easy to install, wire, and operate
- Ready to plug flexible CTs, ready to plug fused voltage leads
- Self powers from the measured voltage (360~480Vac)
- Powers from 24 Vdc or with an external transformer 120~240 Vac
- 30min battery power backup
- Voltage range 100~480Vac nominal. Current range (load phases 0~3000Amps)
- Power Quality Class A IEC 61000-4-30 Ed3
- Monitors AC and DC (4 additional analog inputs)
- Detects High-Frequency transients at 4MHz
- Records 2kHz~150kHz conducted emissions
- Optional 2 environment probes (temperature, humidity, barometric pressure, acceleration)

## Overview

The PQube 3 Portable combines the powerful monitoring and communication capabilities of the PQube 3 Power Analyzer with the quick install feature of a portable instrument.

Designed for quick installation with Flexible CTs and fused voltage cables, it auto-detects frequency, nominal voltage and wiring configuration.

The PQube® 3 Portable can be used standalone with a USB stick for configuration and data download. If connected to a network, it delivers event notifications and daily, weekly, as well as monthly reports directly

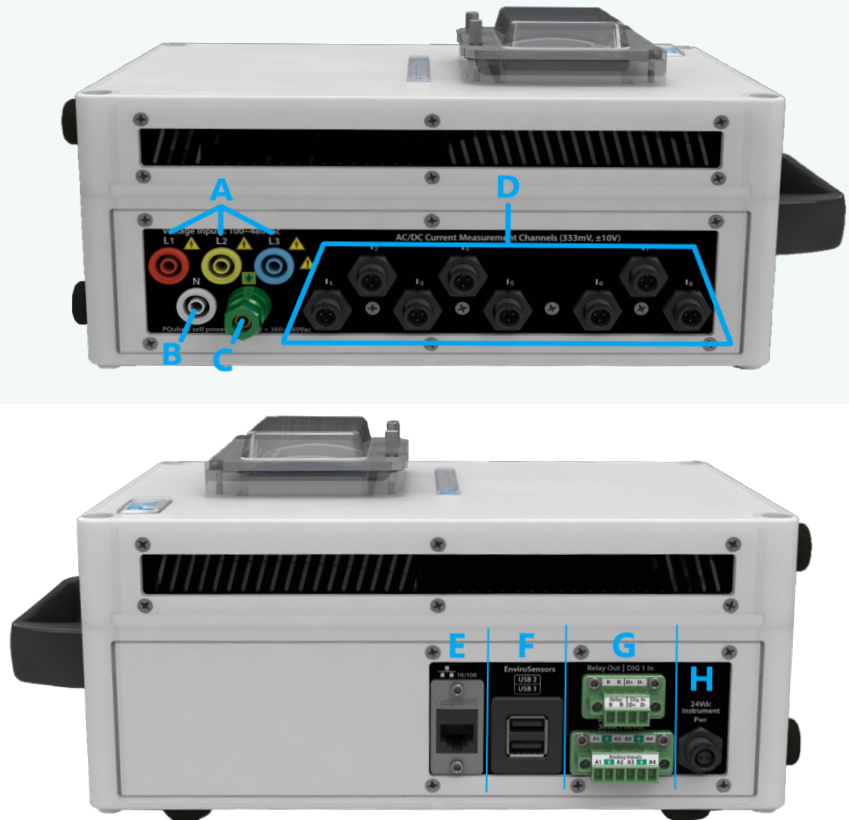
## RESULTS



- Real-time readings via protocols: Modbus and SNMP
- Events recordings and graphs: CSV, GIF, and PQDIF
- Daily weekly, monthly trends

CONNECTIONS AND WIRING

<b>A</b>	L1, L2, L3 voltage inputs, Rated for 100~480Vac, 50/60Hz
<b>B</b>	Neutral terminal-optional depending on your power configuration
<b>C</b>	Earth terminal-Functional. Used as the reference point for voltage measurements.
<b>D</b>	Current transformer inputs-nominal 0.333V RMS (LOW range) or ± 10V (HIGH range)
<b>E</b>	10/100 Ethernet RJ-45 port. 48V PoE compatible
<b>F</b>	(2) Standard UB 1.0 ports for use ONLY with ENV2 environmental probes.
<b>G</b>	PQube®3 Analog & Digital I/O terminals



TECHNICAL SPECIFICATIONS

Dimensions (L x W x H) of PQube 3 portable	8.5 in X 6 in X 12 in (metric: 21.59 cm X 15.24 cm X 30.48 cm)
Weight	Approx 10 lbs (4.5kg)
Dimensions (L x W x H) of carrying case	22 in X 9.5 in X 13.5 in (metric: 55.88 cm X 24.13 cm X 34.29 cm)
Weight w/ Accessories & carrying case	Approx 25 lbs (11.3kg)
Accessories included	<ul style="list-style-type: none"> <li>-Carrying case</li> <li>-Power supply with power cable -100~240VAC input, 24VDC output</li> <li>-4x Rogowski coils CT</li> <li>-1x Split core 5A:0.333V current transformer</li> <li>-3x Fused voltage sensing leads (banana jacks), spare fuses</li> <li>-2x Non-fused cables with banana jacks and alligator clips</li> <li>-Hook-and-loop mounting straps</li> <li>-screwdriver</li> </ul>
Operating Environment (temp., hum., alt.)	-20 ~ 45 °C, 5 ~ 95% RH (inside use), <2000 m above sea level (for EMC immunity, overvoltage, and other conditions, see full specs)
Internal memory	32 GB (holds over a year of data)***
Data backup	16 GB (up to 128GB) micro SD card or USB 2.0 thumb drive
Clock Synchronization	SNTP, NTP, and (optional) GPS
Output file types	GIF, text, CSV/Excel, and IEEE 1159-3 PQDIF
Communication ports	10/100 Ethernet RJ45 (optional external wireless or cell modem)
Communication	Ethernet port RJ-45, 10/100 (optional wireless and cell modem)
Communication protocols	Modbus/TCP, DNP 3.0, BACNET, SNMP with traps, FTP or HTTP (secure FTPS and HTTPS), and email