

PSL



PQube[®] AC Power Monitor

Embedded power quality and energy/carbon monitoring

Facility monitoring applications

Price, complexity, and size have traditionally been the major barriers to power quality and energy monitoring in commercial and industrial facilities.

Now PSL's new PQube breaks down all these barriers. You get accurate power quality monitoring based on the latest world-wide standards, energy trends and statistics generated automatically with no software, and standalone or network compatibility - all in a tiny package costing a fraction of comparable instruments.



Why worry about power quality events?

- Unexpected intermittent equipment failures, whether in your HVAC system, or processing/lab equipment can be disruptive, expensive, and difficult to diagnose.
- Quickly attributing (or ruling out) power quality as the cause of failures can pay for a PQube in one or two avoided service calls.
- If the problem is power quality, is it caused by the electrical supply from your utility, or problems within your facility? You need the PQube to find out.

Why monitor energy usage?

- To save energy, you first need to monitor it.
- Know the load distribution within your facility, get daily, weekly, and monthly energy consumption trends, and receive this information in a consistent and easy to understand format.
- Monitoring energy at the service entrance alone is not adequate. You just don't get enough information to make substantive decisions. You need monitors throughout your facility, and on your largest individual loads.
- Other benefits from energy monitoring:
 - Determine if you can operate more loads without having to increase your electrical system.
 - Detect developing leaks, failing motors, and more - prevent equipment failure by looking at energy consumption over time.
 - Avoid peak charges from your utility: even out energy usage and reduce consumption during peak cost periods.

What makes the PQube so different?

- By far the most user-friendly monitor on the market – even does your carbon calculations for you.
- Tiny - smallest full-featured monitor ever. Perfect for embedding in small panels and industrial equipment.
- Low cost – payback time typically measured in weeks.
- Accurate – world-class accuracy means you don't miss any power quality events. Get energy data accurate enough to reliably measure improvements.
- No software required - no learning curve, no up-front expense, no annual licensing costs.
- Works right out of the box - just connect it to your power. The PQube automatically figures out your power configuration, and immediately starts recording disturbances, trends, and statistics.
- Easy to understand – pictures and spreadsheet files are generated straight from your PQube.
- Works with or without a network:
 - No network? No problem! Your PQube gives you all its data on an SD card, just like a digital camera.
 - Network available? Great! With its ETH1 module, your PQube will send you an email every time it has interesting data.
 - IT department willing to help with firewalls and setup? Even better! Use your PQube's built-in web server and FTP server for easy access to data.

PQube – it's worth a closer look!

www.PQMeterStore.com

