

Measure Power and Troubleshoot EV Quick Chargers

Simultaneous Measurement of Both Primary (AC) and Secondary (DC) Systems

Easily Measure Inverter Power

Fundamental Wave Frequency: 40 to 70 Hz
Carrier Frequency: Up to 20 kHz



Troubleshoot Power Supply Issues More Easily and Accurately

NEW **PQ3198**

Hioki's Most Popular Power Quality Analyzer Revamped

New, easier to use model features updated functions and specifications, while keeping the same appearance as the PW3198.

AC/DC sensor power supply function eliminates the need for an AC adapter to power flexible sensors

Up to 9999 recorded events

PQ ONE analysis software included

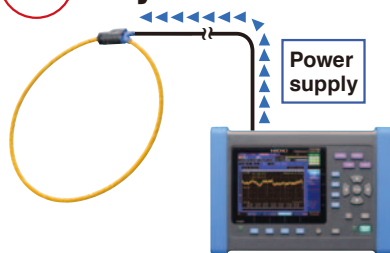
Measure the conversion efficiency of primary and secondary systems
DC-AC (three-phase) efficiency calculation function

Automatically identify and connect current sensors

Collect field data remotely using free GENNECT Cross software



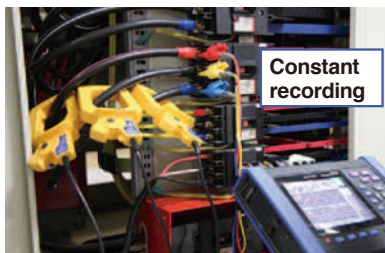
NEW Key Added Functions



Power supply

AC adapter not required for flexible sensors AC/DC sensor power supply function

No need for a separate AC adapter to drive the flexible or AC/DC sensors. The PQA can now power the sensors, letting you use it outdoors and in limited spaces without worry.



Constant recording

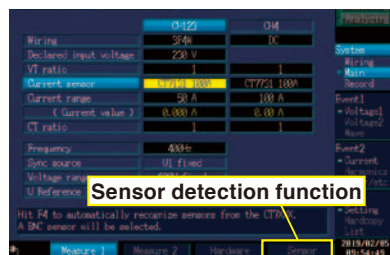
Record over a long term without concern for number of events generated Up to 9999 recorded events

In addition, settings can be configured for repeated recording, to continuously record events for up to 366 days.



Easily check the chronological order and statistics for abnormalities PQ ONE analysis software included

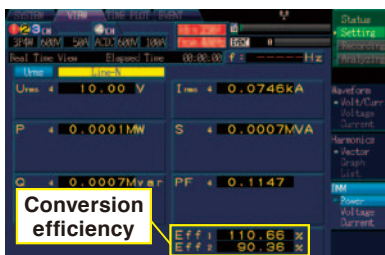
Use the free PQ ONE to display event statistics and easily create trend graph reports.



Sensor detection function

Prevent sensor setting mistakes Automatic connection and sensor recognition function

Simply connect a sensor and press the sensor detection button, that's all. Automatic sensor detection prevents setting errors when the unit is used with a variety of different sensors.



Conversion efficiency

Measure the power conversion efficiency of primary and secondary systems DC-AC (three-phase) efficiency calculation function

Perform simple power conversion efficiency measurements on primary and secondary systems, such as on the power consoles for solar power generation equipment and EV quick chargers.



LAN

Real-time display



Collect field data remotely using free GENNECT Cross software

Connect the PQ3198 to a PC via LAN to easily monitor measurements in real time and export as a CSV file.

NEW Improvements from the Legacy Model

Parameter	Legacy model PW3198	New model PQ3198
Current measurement terminal	BNC	HIOKI PL14
Power supply for current sensor	—	Available
Auto recognition of current sensor	—	Available
Calculation of power/efficiency for CH4	—	Available
Max. number of recorded events	1000	9999
Number of repeat measurements (days)	55	366
Download data while recording	—	Past data only
Delete data while recording	—	Past data only
FTP server	—	Available
Display RMS values on waveform screen	—	Available
Effective measuring range for current	Up to 110%	Up to 120%
Display range for power	From 0.1%	From 0%
Measurement accuracy range for power	Up to 5 kHz	Up to 20 kHz
External START/STOP	—	Available
Display language	Japanese, English, Chinese	Japanese, English, Chinese (simplified and traditional), Korean, German, Spanish, Italian, Turkish, Polish, French
Load data	Same Serial No. only	Any PQ3198 model

Product Name: POWER QUALITY ANALYZER PQ3198

Model No. (Order code)

PQ3198



Available in April 2019

- With this update there are now a greater variety of options available, making it even more convenient to use.
- Legacy sensors (BNC terminal) can be used by applying a conversion cable.

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