

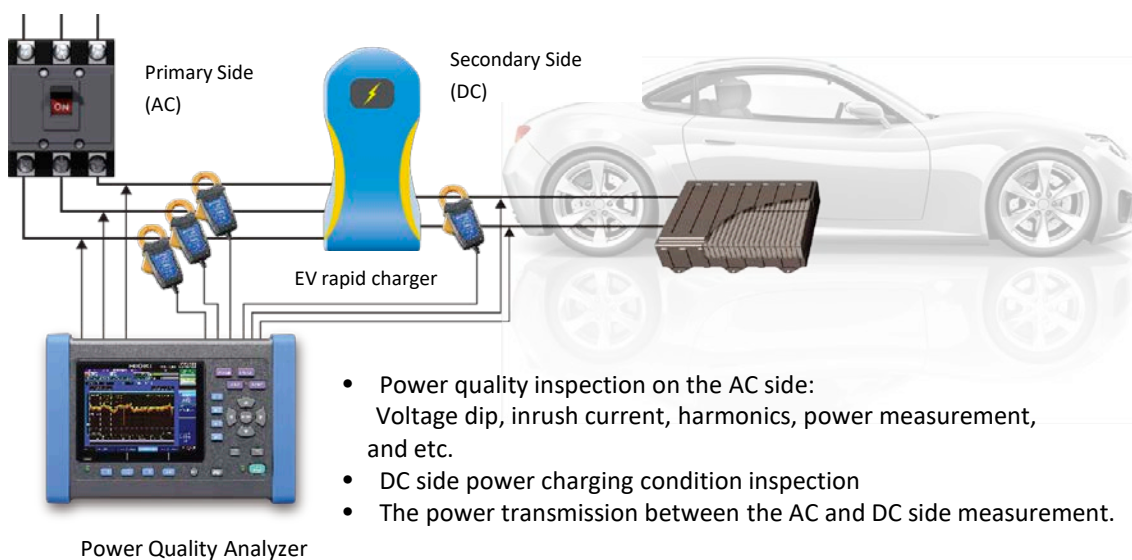
Power, Energy, Environment / Service, Maintenance

Verify the quality of power supplied by an EV rapid charger

The PQ3198 power quality analyzer provides the data needed to simultaneously measure the maintenance, operational verification, and troubleshooting of an EV rapid charger.

■ Notes:

- The PQ3198 power quality analyzer provides simultaneous measurements of EV rapid charger power quality measurements. Parameters such as power, voltage and current rms value measurements, inrush current, and efficiency measurements, are measured simultaneously by this one device.
- CH4 is used to measure the secondary side of the EV rapid charger (DC).
- When choosing the *Standard Power Quality* course measurement from the *Preset* settings, here are what you can measure.
 - ◆ Max, Min and Avg value of a trend measurement for every interval of 10 mins:
 - RMS value of Voltage, Current, Power, Power Factor, the power transmission efficiency of the primary and secondary side, Energy, Harmonics value of Voltage, Current and Power, THD, High-order harmonics (up to 80kHz).*
 - ◆ Events measurement of:
 - Transient voltage, voltage swell, dip, interruption, voltage and current rms value, Peak value from the voltage and current waveform, THD value for voltage, voltage unbalance (negative phase), DC current fluctuation, Harmonic voltage level for 0,3,5,7,9,11th order, Harmonic current level of the 0th order.*



Power Quality Analyzer

Products Used

- Power Quality Analyzer PQ3198 (Main unit, an application software)
- Power Quality Analyzer PQ3198-92 (kit including 600A sensor*4 and an application software)
- Power Quality Analyzer PQ3198-94 (kit including 6000A sensor*4 and an application software)
- AC/DC Auto-Zero Current Sensor CT7736 (AC/DC600A、 ϕ 33mm)
- AC/DC Auto-Zero Current Sensor CT7731 (AC/DC100A、 ϕ 33mm)
- AC Current Sensor CT7136 (AC600A、 ϕ 46mm)

Information valid as of May 2020. Specifications are subject to change and revision without notice.