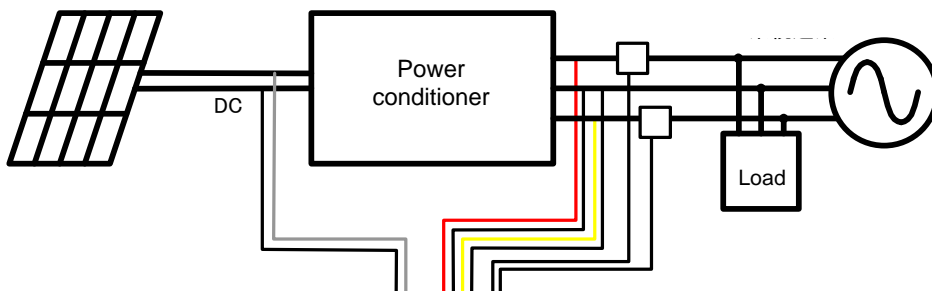


Power Quality Survey of Solar Power Generation Systems

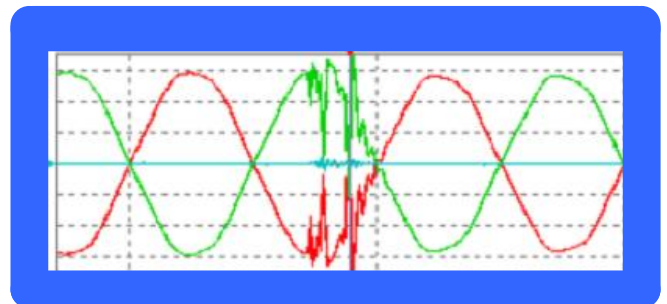
One instrument measures all the parameters required for the maintenance, operation check, and troubleshooting of solar power generation systems

■ Highlights

- The PW3198 Power Quality Analyzer can measure all parameters such as power quality, voltage/current RMS, inrush current, power, and electric energy simultaneously.
- An easy-to-set-up course is available which facilitates setting up the instrument just by selecting the wiring and clamp-on sensor and then from U Events, Standard Power Quality, Inrush current, Recording, and EN50160.
- Selecting Standard Power Quality in the easy-to-set-up course allows performing the following measurements.
Measurements at intervals of 10 minutes : Flicker, voltage RMS, harmonic RMS, total harmonic distortion rate, and power factor
Event setting items : Transient overvoltage, voltage swell, voltage dip, instantaneous power failure, voltage RMS, current RMS, voltage waveform peak, current waveform peak, frequency, voltage DC fluctuation (on channel 4 only), current DC fluctuation (on channel 4 only after the corresponding sensor is released), voltage unbalance ratio (reversed phase), 0-, 3-, 5-, 7-, 9-, and 11-order harmonic voltage, 0-order harmonic current, and total harmonic distortion ratio
- Up to 1,000 event waveforms (up to 55,000 when repeat recording is set to ON) can be saved to an SD card.



**POWER QUALITY ANALYZER
PW3198**



**Waveform example when power system
is switched.**

Products used

POWER QUALITY ANALYZER PW3198

POWER QUALITY ANALYZER PW3198-90 (PC Application software 9624-50 included)

Clamp-on sensor is optional.

You may choose from selections below : 9694(AC 5A), 9660(AC 100A), 9661(AC 500A), 9669(AC 100A),
9667(AC 500A/5000A), 9657-10(AC 10A), 9675(AC 10A),
9695-02 (AC 50A), 9695-03 (AC 100A)