APQ-9100H Power Quality Monitors

POWER SYSTEM PROTECTION EQUIPMENT



Overview of Power Quality Monitors As a professional Power Quality Monitor among Power Quality Products, it delivers real-time monitoring of critical grid parameters for Power of Quality assessment, including harmonic content up to the 63rd order, total harmonic distortion (THD), three-phase voltage unbalance, flicker and frequency. It also tracks active and reactive power of each harmonic, true and displacement power factors, true RMS and sequence components, offering a comprehensive overview of power grid operating status.

KEY FEATURES

- RMS value of three-phase fundamental voltage and current, fundamental power, power factor, phase angle, etc.
- Voltage deviation
- Frequency deviation
- Three-phase voltage unbalance degree, three-phase current unbalance degree, negative-sequence voltage and current

CURRENT SIGNAL INPUT

Item	Specification
Input mode	Current transformer input
Rated current (In)	5A / 1A
Measuring range	AC 200mA-5A or AC 50mA-1A
Power consumption	≤0.5VA per channel
Overload capability	1.2In continuous operation2In for 1 second

VOLTAGE SIGNAL INPUT

Item	Specification
Input mode	Voltage transformer input
Rated voltage (Un)	57.7V / 100V400V version available (specify when ordering)
Measuring range	AC 0.5V-120V
Power consumption	≤0.5VA per channel
Overload capability	1.3Un for continuous operation1.4Un for 1 second
Input impedance	>100kΩ

ORDERING INFORMATION

MOQ	LEAD TIME	TRADE TERMS	PAYMENT	WARRANTY
1 unit	7-15 working days	EXW / FOB / CIF / DDU	T/T, L/C, WU, PayPal	12 months