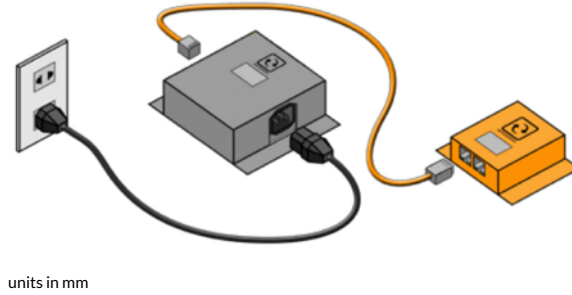
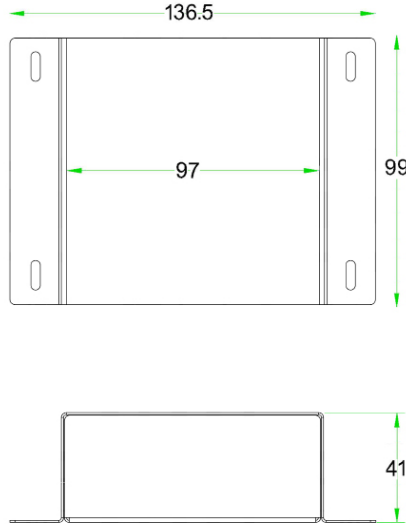




# Power Quality Sensor (PWR-AC-QUAL)



Tailored for monitoring power quality in single-phase systems at your critical facilities and edge infrastructure sites, our device provides valuable insights into your power circuits. It offers a seamless plug-and-play experience, eliminating the need for an electrician. Simply plug it into a power socket to start monitoring your power quality effortlessly.

## Certifications:

CE, EMC, and FCC

## Sensor Metrics:

Voltage	100-240V AC Single Phase
Detects	short and long power failures or interruptions voltage swells, spikes or over-voltage voltage sags, dips or under-voltage harmonic voltage distortions (THD) frequency fluctuations

## Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required) AC 100 -240v
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Sensor power usage	460mW

## Environmental Specifications:

Operating temperature range	0°C to +75°C (32°F to +167°F)
Humidity (operating and storage)	< 90% rH (non-condensating)

## Physical Specifications:

Sensor housing	Plastic industrial grade enclosure
Mounting option	0U rack, DIN rail or wall mountable sensor
Dimensions	136.5 mm (5.4") x 99 mm (3.9") x 41 mm (1.6")
Weight	500g (1.1lbs.)