



MC8 / MC12

## General Overview

The Multi Clamper is a Multi channel which monitoring of up to twelve power lines simultaneously and can monitor both single and Three Phase lines. Additionally, the Multi Clamper can operate up to four external contractors.

## Features:

- Control and monitor your power lines in real time from any web browser or mobile device.
- Based upon your energy plan or the time of day, shut off circuit breakers remotely and automatically.
- Sub meter apartment building with near Plug & Play installation.
- Provides secured, real time wireless communication.
- Provides accurate energy pulses and reports to the cloud readings from all channels together - acts better than a Smuri Meter.
- Supports remote upgrades and maintenance.
- Extremely cost effective.

## Technical Specifications

Parameter	Value
Operating Power:	Input voltage range of 85Vac – 265Vac, 50/60Hz
Standby Power Consumption:	0.5W
Wireless Data Rate:	250Kbps at 2.4GHz
Transmitted Power:	Configurable up to 22dBm
Wireless Security :	128-bit encryption
Power Measurement:	Up to 14.5Kw, 63A Rated Power using Type A Current Transformer Up to 36.8Kw, 160A Rated Power using Type B Current Transformer
Accuracy (maximal error):	Power: 1%   RMS Current: 1% (>16mA), 1.5% (<16mA)   Voltage: 1%
Values Measured:	Active (Real) Power (W), RMS Current (A), RMS Voltage (V), Power Factor, Frequency (Hz), Temperature (°F & °C), Greenhouse gas emission (KGM), Instantaneous Current (A), Instantaneous Voltage (V), Instantaneous Power (W), Average Reactive Power (VAR), Instantaneous Reactive Power (VA), Peak Current (A), Peak Voltage (V), Reactive Power (VAR), Power Factor, Apparent Power (VA), Harmonic Active Power, Fundamental Active Power
Mounting	DIN Rail or Propriety Enclosure
Material:	ABS poly-carbonate