

# PF-ONE World Meter Series

**PF-ONE** is a **new class** of Distributed Energy Resource (DER) positioned at the grid-edge. All reactive power and harmonic mitigation requirements of attached loads are generated and corrected locally by the PF-ONE. This has widespread positive impacts on the distribution grid. Enables high penetration of distributed solar, EV charging, and increased distribution capacity with precise voltage profiling and near perfect power quality. The PF-ONE maximizes utility asset utilization too, increasing generation, transient stability, demand control, and lowering ATC losses all in a device the size of a typical service meter! The PF-ONE Meter Series also provides metering functions and AMI integration options. As a meter replacement, installation costs are at a minimum.



Introducing the PF-ONE World Meter Series of compensating utility meters. These models are single phase 240VAC, 50/60Hz meters rated at 50Arms. Various levels of compensation are available both in natural and forced air convection configurations. Ambient temperature ratings are -40C to 50C non-direct sunlight rating. Standard Wi-Fi interface is provided with options for ZigBee or LoRa (custom options are also available).

Every unit has an 10 minute peak rating that depends on unit and ambient temperature conditions. Models range in compensation from 2.4 KVAR (10Arms reactive) to 6.0 KVAR (25Arms reactive) continuous.

Model	Continuous Rating	10 min Peak Rating	Cooling Method
PF-M10-N	10Arms, 2.4 KVAR	15Arms, 3.6 KVAR*	Natural / Free
PF-M10-F	15Arms, 3.6 KVAR	20Arms, 4.8 KVAR*	Forced Air
PF-M20-N	20Arms, 4.8 KVAR	25Arms, 6.0 KVAR*	Natural / Free
PF-M20-F	25Arms, 6.0 KVAR	30Arms, 7.2 KVAR*	Forced Air

\* Limited by Internal Temperature rise.

Many options are possible, if you have custom needs please contact us.

Specifications and ratings can be changed without notice.  
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