

OmniPower™



LARGER INSTALLATION

SMALL SYSTEM



Modular Design From 100-1200 kVAR. Multiple units can be strung together to support higher kVAR applications



PROJECT INFORMATION

Project Name

Tested PF

System Configuration

Date

DESCRIPTION

Across the globe, Commercial & Industrial Facilities such as Manufacturing, Hospitals, Water Treatment Plants & Large Office Buildings have struggled with poor power quality for decades. With decarbonization mandates becoming more prevalent, customers have increased challenges in optimizing the energy efficiency of their facility. A contributing factor is a poor Power factor(PF).

A poor Power Factor means that your equipment and site is drawing large amounts of power that aren't producing useful outputs, adding unnecessarily to your energy bills and wear & tear on sensitive equipment.

While most vendors offer individual methods for improving power efficiency with capacitor banks, automatic switching controllers or load balancers, OmniPower™ is the only system in existence that has integrated all of these methods, along with Harmonic Filters, into a single cost effective solution. Driven by it's patented software, OmniPower™ dynamically detects and adjusts Power Factor to a perfect >0.98 PF, savings customers up to 25% on their monthly power bill.

FEATURES

- Dynamically detects and adjusts Power Factor to a perfect >0.98 PF
- Active/Passive Harmonic Filters
- 24/7/365 continuous remote monitoring with real-time correction and system reporting
- 24/7/365 Monitoring provides condition-based maintenance activity to preempt equipment failure
- Substantial Energy Savings (20-40% Typical)
- Significant reduction of carbon emissions
- Improves facility voltage
- Extends Life of a facility's critical equipment
- **Shared Savings Plan available. System can be offered at no charge to customers**
- Equipment Purchase Plan with financing option also available
- Modular Design
- IP65 Rated
- Listed for Indoor & Outdoor
- Approved by NYSEDA
- Adopted by Con Edison utility
- EPRI labs Certified
- U.S. Serial No. 16/991,841
- U.S. Patent Number 11,322,939

DIMENSIONS

- ❖ **Standard Cabinet: 94"H x 48"W x 36"**
(Typical for 600 kVAR & 800 kVAR units)
- ❖ **1200 kVAR System: Requires two cabinets**
- ❖ **300 kVAR cabinet: 90"H x 36"W x 20"D**
- ❖ **Approximate weight: 2000-2100 lbs. (Depending on specifications)**

Generic drawing for a 450 kVAR unit showing layout of the components

