



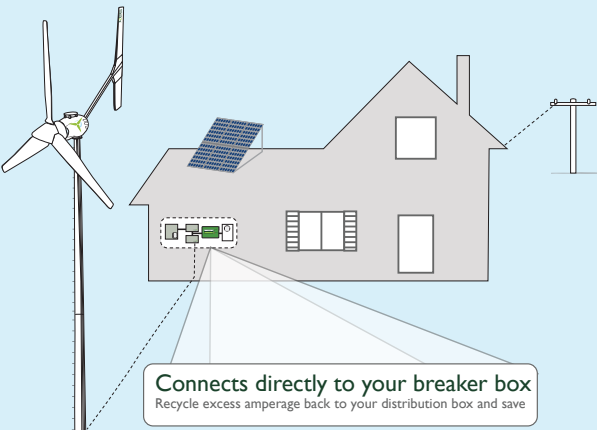
SMART-OPTIMIZER 1000+ Auto Range Single Phase

TECHNICAL SPECIFICATIONS

Hertz	45/65
Phase	Single
KVAr	3
Stage	(.09)-(3)KVAr
Bluetooth Capable	Yes



CONDITIONED ELECTRICITY IS
SPIKE FREE FOR LONGER LASTING
LIGHT BULBS AND ELECTRONICS



Toll Free: 1-877-404-9438 | Tel: 503-388-7350
www.xzeresenergy.com
sales@xzeresenergy.com
 9025 SW Hillman Court Suite 3126
 Wilsonville, OR 97070

Originally designed for XZERES wind turbine installations, the Smart-Optimizer 1000+ understands power consumption and sets energy capacitance accordingly. It's predictive energy consumption monitor allows energy use to be optimized in real time with a Bluetooth connection. This unit has been designed for load fluctuations and maximizes in-phase energy. This intelligent monitoring increases potential energy savings at low and at peak energy demand levels.



**POWER EFFICIENCY
PRODUCTS THAT MAKE
A DIFFERENCE**
 SAVE ON EMISSIONS & CONSUMPTION



SMART-OPTIMIZER 1000+

Designed for single phase, the predictive controller on the Smart-Optimizer 1000+ adjusts capacitance to ensure the best possible energy consumption. This unit will also increase the power quality in your home or small business removing harmonics caused by computers and other electronics so inductive motors run cooler and more efficiently.

The Smart-Optimizer 1000+ is also Bluetooth accessible from your home computer where you can monitor your energy savings and power use.

Reduce Potential
Energy Loss up to
20%

BENEFITS

- ⚡ Business energy saving up to 20 percent
- ⚡ Complete home or building surge suppression
- ⚡ Reduced heat from appliances
- ⚡ Increased life of inductive motors including air conditioners, refrigerators, washers and HVACs systems and more
- ⚡ Increase wind turbine production



AUTO RANGE

AUTO RANGE UNITS AVAILABLE

XZERES KiloWatt Master | Auto Range XZCI 2000
 KVar 20 Hertz 45 to 65 Stages (4) 1-20KVar

XZERES KiloWatt Master | Auto Range XZCI 3000
 KVar 30 Hertz 45 to 65 Stages (5) 1-30KVar

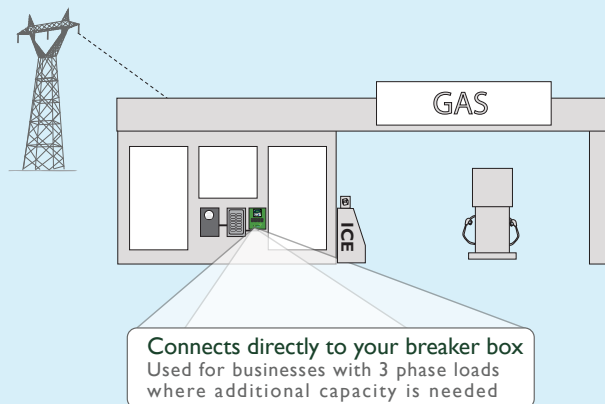
XZERES KiloWatt Master | Auto Range XZCI 4000
 KVar 40 Hertz 45 to 65 Stages (6) 2-40KVar

XZERES KiloWatt Master | Auto Range XZCI 5000
 KVar 50 Hertz 45 to 65 Stages (7) 2-50KVar

XZERES KiloWatt Master | Auto Range XZCI 6500
 KVar 65 Hertz 45 to 65 Stages (8) 2-65KVar



AUTOMATICALLY ADJUSTS TO EQUIPMENT CHANGE AND ADDITIONS

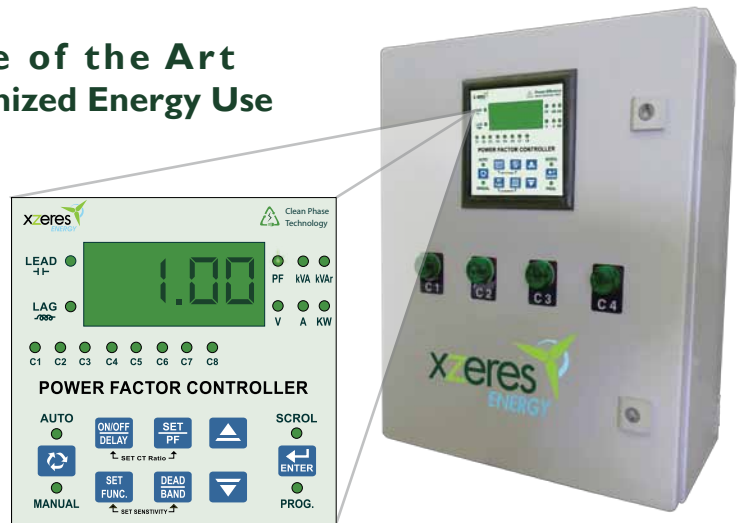


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State of the art KiloWatt Master devices with real time current monitoring adjusting capacitance for optimal saving. These dynamic devices are the latest in technology setting a new level for energy efficiency for commercial, light industrial and small business applications.

Proper sizing is critical for saving on power consumption. Unlike conventional devices, the Auto Range monitors voltage, current and power factor in real time adjusting the units ability to save on electric consumption from inductive loads.

State of the Art Maximized Energy Use



KILOWATT MASTER | AUTO RANGE

Auto Range units are size to work perfectly in different applications from grocery and convenience-stores to bigger applications such as fabrication and machine shops, XZERES Energy has the right size unit for your application. Includes control head micro-processor for real time power factor optimization.

BENEFITS

- ⚡ Up to 25% Energy Savings
- ⚡ Microprocessor based intelligent auto switching control
- ⚡ Real time adjustments to smooth peak loads
- ⚡ Increased device life with capacitor auto switch-off
- ⚡ Display of Power Factor, Power (kW), Volt & Current
- ⚡ On site programmable all parameters with plug-n-play user friendly settings
- ⚡ A modular system for easy installation, operation & maintenance
- ⚡ Indication for on status of capacitor