



PMI Series SP 1000

PRECISION POWER SAVING, MANAGEMENT, & OPTIMIZATION

**Reduce
Electrical
Energy Costs**

ADAPTIVE ELECTRICAL POWER OPTIMIZATION SYSTEM

**Improve
Equipment
Performance**

PMI's SP 1000 Power Optimization series of products are affordable, innovative electrical power correction and measurement systems that reduce peak demand and reduce and balance electricity consumption. The systems reduce overall electrical energy bills from 6% to 15% all within a typical ROI payback of 18 to 30 months. The unique system monitors multiple key electrical parameters in real time and generates continual automatic power corrective measures per phase. These automated corrective actions result in reduced electrical energy costs and improved equipment performance. Typical monthly electrical energy bill savings range from 6% to 15%.



U.S. Patent 8,928,173 / U.L. Listed

Software Monitoring and Analysis: The system also includes a complete and comprehensive Internet-accessible software power monitoring system that records and displays 15-months of critical electrical information such as voltage, current, power factor, voltage imbalance, current imbalance, internal & ambient temperatures, and harmonic distortion.

Models and Ratings: Three models are available for North American installations: SP-1000A (208v, 10kVAR), SP-1000B (208v, 20kVAR), and SP-1000E (480v, 30kVAR).

Reduce electricity costs from 6% to 15% with a typical ROI payback of 18 to 30 months

Power Saving Benefits

- Reduced kWh losses
- Reduced electrical demand and charges
- Reduced power system losses
- Reduced phase imbalances
- Reduced harmonics
- Reduced negative energy
- Reduced neutral line currents

Operational Benefits

- Increase load carrying capacity
- Improved equipment performance
- Improved motor efficiencies
- Optimized power utilization & improved voltage
- 15 months recording of key electrical parameters
- Facilities management via electric usage analysis
- Dashboard display of key electrical parameters

MANUFACTURING: Designed & built in the USA, the SP 1000 family of products is manufactured by Power Metrics International (PMI) with operations on both east and west coasts of the United States. PMI is an ISO 9001 certified manufacturing facility with 50+ years of electrical power technology design & manufacturing experience.

EMS ENERGY, MATERIALS & SUSTAINABILITY CONSULTING LLC

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