

Parameters	PM9C	PM200	Micrologic A, P, H	PM500	ION6200	PM750 PM710	PM800 series	Enercept	Compact NSX
Phase current (A, B, C)	■	■	■	■	■	■	■	■	■
Phase voltage (AN, BN, CN)	■	■	■	■	■	■	■	■	■
Line voltage (AB, BC, CA)	■	■	■	■	■	■	■	■	■
Power factor total	■	■	■	■	■	■	■	■	■
Real energy (kWh)	■	■	■	■		■	■	■	■
Reactive energy (kVARh)	■	■	■	■		■	■		■
Real power total (kW)	■	■	■	■	■	■	■	■	■
Apparent power total (kVA)	■	■	■	■	■	■	■		■
Demand real power total (kWd)	■	■	■	■	■	■	■		■
Demand reactive power total (kVARd)		■	■	■	■	■	■		■
Demand apparent power total (kVAd)		■	■	■	■	■	■		■
Demand current (A, B, C)		■	■	■	■	■	■		■
Neutral current	■			■	■	■	■		■
Apparent energy (kVAh)		■	■	■	■	■	■		■
THD phase voltage (AN, BN, CN)				■	■	■	■		■
THD current (A, B, C)				■	■	■	■		■



Please contact your local sales representative for ordering information.

Visit www.powerlogic.com for more information on other PowerLogic products, applications, services and system solutions.

The 2007 award recognizes Schneider Electric for its technological advancements and wide product range in the field of power quality (PQ) and energy management solutions. In total, this is the fourth award that Schneider Electric and [recently acquired] Power Measurement have received from Frost & Sullivan in recognition of achievements in this arena. *Prithvi Raj, Frost & Sullivan research analyst*



Silver winner, 2007 Product of the Year,
Plant Engineering Magazine

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Gain energy insight and control with PowerLogic™

PowerLogic™ PowerView™
power monitoring software





Power monitoring software solution

PowerLogic™ PowerView™ software is an easy-to-use, entry-range power monitoring solution ideally suited for small system applications. Companies continually look for innovative solutions to cut power-related costs and optimise equipment use. PowerView power monitoring software simplifies system and device configuration by polling your network for compatible PowerLogic devices. Connection and data logging begins automatically at factory preset intervals, settings which are easily changed by the user. The software allows you to track real-time power conditions and perform remote monitoring of electrical equipment or installations at key distribution points across your electrical network.

Use logged values to reveal energy waste, unused capacity and historical trends. Its Report Builder includes time of use configurations, allowing you to create reports with energy and demand values for time periods with specific billing requirements. Generated reports publish to Microsoft Excel for easy data access and custom reporting. PowerView is a cost-effective power monitoring solution and a key first step towards a comprehensive energy intelligence strategy.

Typical applications

- Power consumption monitoring: use historical data for trend information; plan expansion based on actual usage; avoid over-design and use your electrical system to its full capacity
- Cost allocation: track power-related costs for building, process, or tool; create multi-year time-of-use activity profiles
- Equipment monitoring: monitor electrical equipment or installations at key distribution points across your network; monitor for pending problems or scheduled maintenance
- Strategic planning: use logged values of current, voltage, power, power factor, energy, demand power, demand current to develop strategies to avoid interruptions
- Preventative maintenance: proactively manage your power system; Base maintenance schedule on actual operating history

Key features

- Automatic device detection for easy setup, supporting up to 32 simultaneously connected devices
 - new higher speed detection with latest version (2.0)
- PC-based data logging for devices without onboard logging memory
- Pre-configured real-time and historical data displays
- Modbus TCP/IP and RS-485 supported serial communications
- Reports leverage Microsoft Excel
- Microsoft SQL2005 Express-Advanced database , Microsoft Vista support

PowerLogic PowerView network example

Compatible devices

- Meters**
 - PM9C
 - PM200
 - PM500
 - ION6200
 - PM710, PM750
 - PM810, PM820, PM850, PM870
 - Enercept
- Circuit breaker trip units**
 - Micrologic A, P, H
 - Compact NSX A and E
- I/O status**
 - TORO MC devices
- Other Modbus device support**



Data presentation

- PowerLogic PowerView is exclusively designed for power monitoring.
- Microsoft SQL2005 Express-Advanced data warehouse with backup and restore database management capabilities.

Data communications

- Use the EGX100 gateway or EGX400 server as Ethernet couplers for complete access to all your compatible meters and trip units.

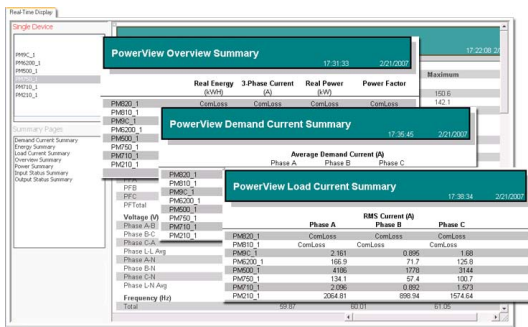
Intelligent devices

- Connect to devices for remote installation monitoring. Leverage Microsoft Excel for sub-billing and cost allocation capabilities. Data is securely accessible using industry-standard database tools.
- PC-based logging for devices without onboard logging memory.



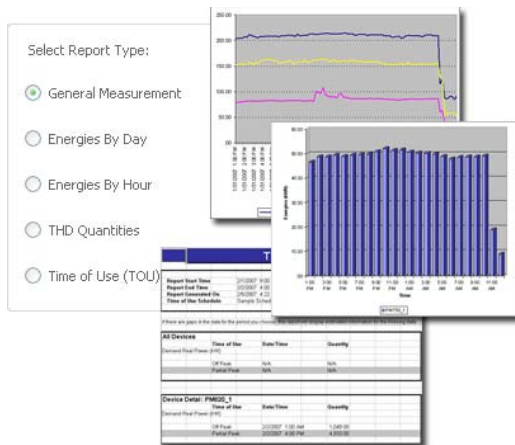
Automatic device acquisition and data integration

- PowerLogic™ PowerView™ uses industry-standard protocols to interface with your devices
- Easy-to-use device setup component polls your network and detects supported devices; simply select up to 32 devices to add to your system – or manually add/delete device connections
- Onboard device logging or PC-based logging (depending upon device capabilities) begins automatically at default or user-defined intervals
- Microsoft SQL2005 Express-Advanced database with backup/restore capabilities for reliable database management



Real-time power monitoring

- Use the Real Time Display to view key distribution points in the electrical system. Measured quantities include current, voltage, power, power factor, energy, demand power, demand current, and total harmonic distortion (THD)
- Display real-time power and energy measurements and historical trends
- View data by single device or view and compare real time data from multiple devices
- Real-time summary views:
 - Demand current – view the amount of electricity consumed over time
 - Energy – view measured kilowatt-hours for sub-billing or comparison purposes
 - Load current – measure the current required to supply your load demands
 - Overview – view the real energy (kWh), 3-phase current (A), real power (kW) and power factor of your connected devices
 - Power – measure the rate energy is drawn from your electrical system (watts)
 - Input status summary – check the input status of your I/O-capable devices
 - Output status summary – check the output status of your I/O-capable devices



Reporting

- Use Report Builder to build and generate reports in just a few clicks.
- Standard reports include:
 - General measurement – trend patterns for electrical energy usage, power demand or any other logged parameter. These reports include the referenced data points of the trend. Leverage these values in Excel to create detailed reports, enable further analysis and reveal true business conditions
 - Energies by day; energies by hour – analyse measured kilowatt-hours for cost allocation or comparison purposes
 - THD quantities – measure, analyse and compare total harmonic distortion
 - Time of Use (TOU) – define up to 3 TOU schedules each with 10 periods for energy accumulation; supports weekends, special days, holidays
- Report Builder exports and publishes the reports in Microsoft Excel