
PRODUCT BROCHURE

Cyberex® PowerView monitoring system

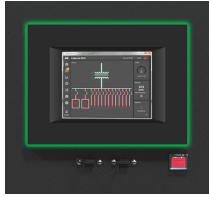
Designed for performance, flexibility
and usability



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Understanding load profiles is the key to proactively managing your data center distribution system and avoiding unnecessary downtime. Enhance your distribution equipment with a comprehensive, centralized monitoring system for critical power distribution equipment, the Cyberex® PowerView monitoring system. The innovative design of the PowerView module provides the flexibility to support both basic metering and monitoring requirements, as well as, more comprehensive system monitoring requirements through two offering tiers, PowerView Core and PowerView Pro.



—
6.5" color touchscreen
LCD with integrated unit
status LED ring-light



—
PowerView chassis

PowerView Core

The PowerView Core circuit management solution provides advanced monitoring down to the branch circuit level and alerts your staff of potential problems before they occur. The modular chassis design and plug in connectors for CTs simplifies upgrading for future expansion. Additionally, individual circuit sensors are field replaceable with the need to only power down one individual branch, thus minimizing the cost associated with a downtime event.

PowerView Pro

Providing more than just circuit monitoring, the PowerView Pro is a multifunctional, centralized monitoring system that simplifies your communications network by combining both revenue grade metering and preventative maintenance diagnostics, thus eliminating the need for multiple, expensive third party meters. The PowerView Pro monitoring system provides users unparalleled flexibility through its modular design and configurability.

Key features

- Revenue grade metering accuracy, compliant with ANSI/NEMA C12.1 - 2015
- Supports additional functional cards for advanced monitoring features such as breaker status or thermal monitoring
- PDU ground fault interrupt
- Waveform capture
- Global time sync via NTP

Improving safety through automated thermal monitoring

- The Thermocouple Input Board (TIB) for PowerView Pro provides the ability to thermally monitor points of interest within your equipment
- Eliminate the recurring expenses (labor and time) and risks (required PPE or removal of deadfronts) associated with traditional thermal scanning
- Proactively identify potential loosening of bolted connections

Ease of configuration

- User-friendly and intuitive graphical user interface
- Flexible configuration – by individual circuit or entire panelboard
- Customizable naming or numbering of main breaker(s), sub-feed breakers, panelboards, or branch circuit breakers
- Ability to create custom groups of circuits as well as monitor and alarm at the custom group level

Features

Features	PowerView Core	PowerView Pro
Basic metering/monitoring		
<ul style="list-style-type: none"> Primary and secondary of transformer Branch circuit management – Up to six (6) 42 circuit panelboards (252 circuits) Sub-feed circuit management – Up to (65), 3-wire or (60), 4-wire sub-feed breakers Main-feed circuit management – Up to four (4) sources in multi-fed RPPs can be monitored: phases, neutral and ground 	S	S
Monitoring system standard parameters		
<ul style="list-style-type: none"> Voltage-current (RMS) MIN current MAX current kW (power) kWh kVA_r kVA-load kVA_h Max energy demand Power factor (PF) Crest factor Total harmonic distribution (THD) up to 9th order 	S	S
Advanced communication		
<ul style="list-style-type: none"> Communicate valuable system data to building management systems (BMS) or local display Protocols available: Modbus RTU, Modbus TCP 	S	S
Serviceability		
<ul style="list-style-type: none"> Modular chassis design; easy to upgrade Plug connectors for circuit sensors simplify maintenance; no power off required Only power down one individual branch; not the entire panel 	S	S
Panelboard compatibility		
<ul style="list-style-type: none"> Fits most panels: ABB, GE and Square-D 	S	S
Accuracy	+/-2%	+/-1%
Harmonics measurement	Up to 9th order	Up to 35th order
Waveform capture	Not available	S
Custom circuit naming/numbering	Not available	S
Custom circuit groups	Not available	S
Global time sync via NTP	Not available	S
Breaker status monitoring	Not available	O
Thermal monitoring	Not available	O

S - Standard feature

O - Optional feature



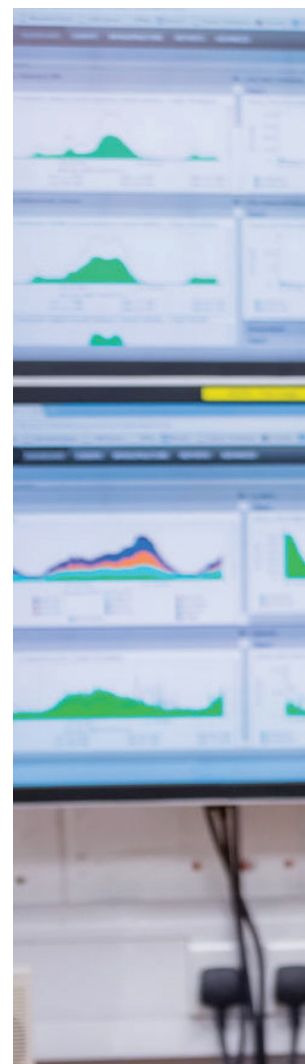
ABB Power Protection LLC
5900 Eastport Boulevard
Richmond, VA 23231-4453 USA
Tel: +1 800 292 3739
Fax: +1 804 236 4047

abb.com/ups
ric.sales@us.abb.com

Additional information

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