

CyberPower

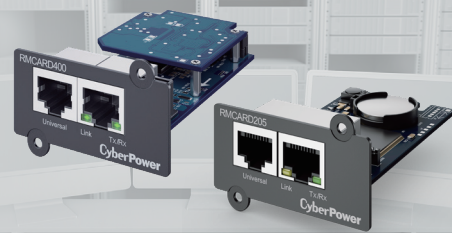
POWER MANAGEMENT SOLUTIONS



Intuitive and complete solutions for easy monitoring and management of compatible devices and the environment

NETWORK MANAGEMENT CARD

REMOTE MANAGEMENT CARD RMCARD205/RMCARD400



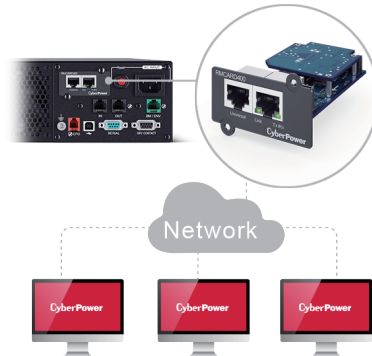
Easy Remote Power Management for UPS

These cards enable remote UPS management by plugging into an expansion slot on the UPS, allowing easy monitoring and control via web browsers, command line, with high-speed data transmission up to 1 Gbps (for RMCARD400 only). They can also work with PowerPanel Business/Enterprise for advanced management.

Main Features

Remote UPS Management

Users can perform scheduled shutdowns, startups, and reboots of the UPS. With the product, users are able to conveniently perform remote control of the UPS to achieve optimal system management.



Plug-and-play Installation

The product is plug-and-play for quick and immediate installation. This design allows users to install the product by simply inserting the card into the expansion slot, bringing users convenience.

Secure Authentication

Secure authentication can ensure safety over the internet. The product is compliant with various protocols, including RADIUS, LDAP, LDAPS, and Windows AD, to provide reliable internet protection.



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ENVIRONMENTAL SENSOR SNEV001



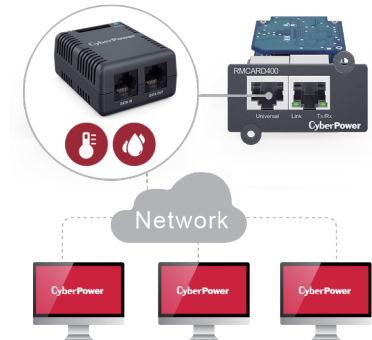
Real-time Temperature and Humidity Monitoring

The sensor provides real-time temperature and humidity data for UPS systems and PDUs/ATS PDUs, and is compatible with the Remote Management Card and PDUs/ATS PDUs equipped with built-in Ethernet modules.

Main Features

Compatible with RMCARD

The environmental sensor is compatible with RMCARD or Intelligent PDU for real-time temperature and humidity readings. The sensor can be used at a datacenter, IT closet, or other critical environment, providing convenience for users.



Environmental Monitoring

Users can conduct real-time temperature and humidity readings via the environmental sensor. By obtaining temperature and humidity information of data center, users can conveniently monitor the operation of IT devices, optimizing system operation.

Automatic Event Notification

Connected with RMCARD or Intelligent PDU, the environmental sensor's user interface supports automatic event notifications via e-mail, SNMP traps, Syslog, and SMS to quickly inform users of power issues.



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ONSITE MANAGEMENT CARD

RELAY I/O CARD

RELAYIO500/RELAYIO501



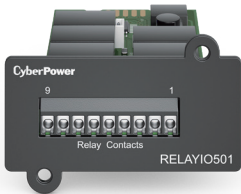
Plug-and-play Dry Contact Relay Card For UPS Local Management

The card is designed for monitoring UPS status and events through contact closure outputs, which is able to provide ON/OFF control of connected devices, such as triggering emergency alarms, exit lights, generators, and more.

Main Features

Dry Contact Relay

With dry contact interface users can connect dry contact relay to various devices, such as alarms or LED lights, for convenient UPS monitoring.



UPS Status Monitoring

The onsite management card provides a local management solution for users to monitor UPS status and events. For example, users will receive alerts when battery is low or utility fails.



Plug-and-play Installation

The onsite management card is plug-and-play for quick and immediate installation. The plug-and-play function allows users to install the product by simply inserting the card into the expansion slot.



RoHS Compliant

The product is manufactured using environmentally-safe procedures in compliance with the RoHS directive, which restricts the use of hazardous materials in the manufacture of electronic and electrical equipment.

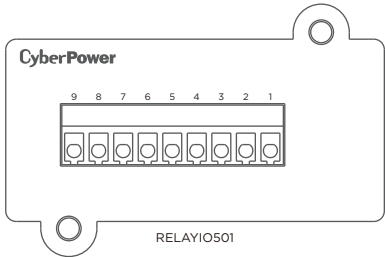
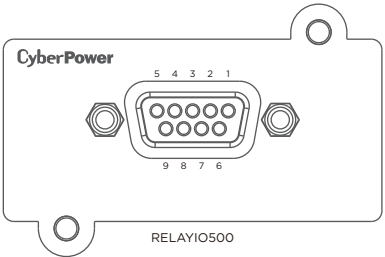
Serial DB9 Interface Port

With standard serial DB9 Interface port, the onsite management card can connect to various accessories and peripherals, such as alarms and lightbulbs, bringing convenience for users.

*For RELAYIO500 only



Product Callouts



Pin Assignment	Function
Pin1	UPS Fault
Pin2	Summary Alarm
Pin3	GND (Common for Pin4)
Pin4	Remote Shutdown
Pin5	Common (For Relays)
Pin6	Bypass / UPS Off
Pin7	Battery Low
Pin8	UPS On
Pin9	Utility Line Fail

*For selected models only



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POWER MANAGEMENT SOFTWARE

POWERPANEL PERSONAL

Enhanced UPS Monitoring Experience

The software is ideal for home and office and features a user-friendly interface, allowing easy control and monitoring of UPS systems through the USB or serial port.

Main Features

Computer Graceful Shutdown

The computer can be gracefully shut down to prevent data loss when an unexpected power or system event occurs.



Scheduled Shutdown/Restart

This function allows configuration of schedule to shutdown/restart the UPS and computer at specific date and time to flexibly manage the power usage. The boot setting of the BIOS system must be enabled to perform scheduled restart.



Energy Consumption Statistics

The statistics include energy consumption, carbon emission and energy costs for power usage analysis.



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POWERPANEL BUSINESS

Intuitive Power Monitoring And Management

The software offers advanced monitoring and management for UPS systems and network-connected PDUs/ATS PDUs with its user-friendly, color-coded interface. It provides instant visibility into power status and alerts and offers three power management options, including LOCAL, REMOTE and MANAGEMENT, to satisfy different levels of management and applications.

Main Features

Intuitive Interface

The software is designed with an intuitive interface, color-coded for instant confirmation of power status and system alerts.

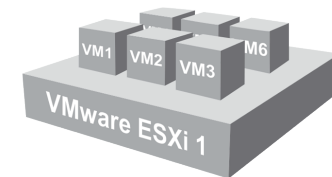


External Command Scripts

This function allows user-programmable command executions to customize event action based on individual needs.

VMware ESXi/VM Shutdown

The software performs VM (Virtual Machine) and VMware ESXi host shutdown to prevent data loss and ensure smooth system operation.



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POWERPANEL ENTERPRISE

Comprehensive Power Management Software for Data Center

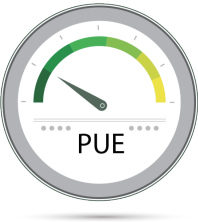
A centralized power monitoring solution designed to manage a large number of devices in the data center. It provides dynamic dashboards, analytical charts, and periodic reports with comprehensive data on energy consumption, power usage, PUE (Power Usage Effectiveness), and environmental statistics, helping users make optimal power management decisions.

*CyberPower DCIM is now integrated as an advanced module within PowerPanel Enterprise.

Main Features

Dynamic Dashboards

Default dashboard templates are built in for displaying the real-time statistics of total power, device data, environmental data, energy consumption and CO2 footprint in various analysis charts.



Power Usage Effectiveness (PUE) Monitoring

Engineered to provide the real-time PUE, PUE trends and usage trends for total energy, the software helps increase overall data center efficiency.

Visualized Floor Map

The feature provides a complete overview showing power consumption, space usage, locations of devices, and the status of each device in different colors for users to easily spot a problem.

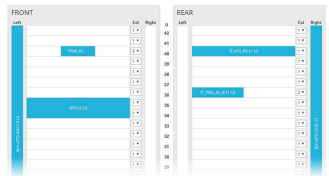


Auto-discover Devices

The SNMP devices within the specified IP range can be automatically discovered, so users can add devices to system with simple clicks.

User-configurable Rack Space Arrangement

This function allows users to adjust the total rack units (RU) and relocate the device in front or rear of the rack. Users can also split a single RU into 2-3 sections for placing more small devices.



Periodic Reports

The summary reports are on a weekly, monthly, quarterly and yearly basis for analyzing the power consumption, environmental statistics, energy cost and PUE of each floor map.



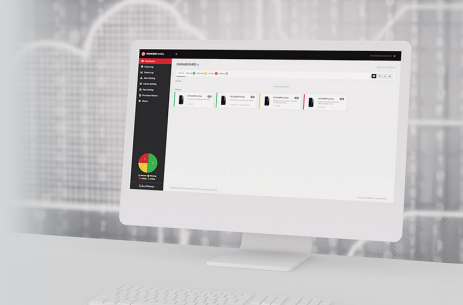
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Comparison

	PowerPanel Business	PowerPanel Enterprise (Standard)	PowerPanel Enterprise (Premium)
Devices	CyberPower UPS, PDU, ATS, RMCARD, Environmental Sensor		
Free Trial	√ (30 devices)	√ (10 devices)	×
Account Authorization Type	Admin	Admin, User, Viewer	Admin, User, Viewer, User-defined
Device Management Scale	< 300 devices (small-medium)	300-1000 devices (large)	> 1000 devices (large)

UPS CLOUD MANAGEMENT

POWERPANEL CLOUD



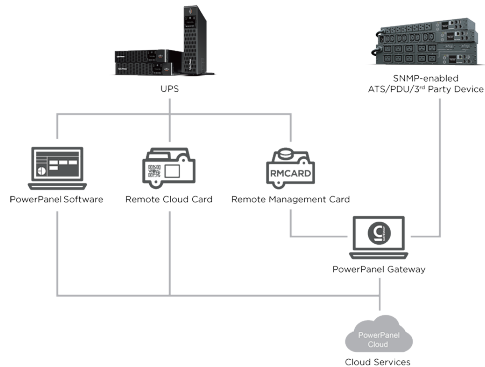
Cloud-enabled Monitoring and Management

PowerPanel Cloud is a centralized online platform for effortless monitoring and management of multiple devices installed on different sites. Users can add the devices to the cloud and remotely access the platform through a secure web portal or mobile app.

Main Features

Online Power Infrastructure Solution

The online platform allows users to access through any network-connected device to perform multisite device monitoring.

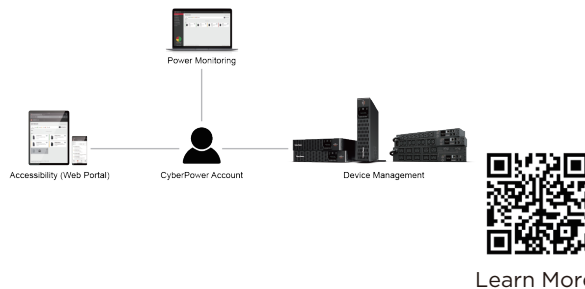


Flexible System Setup

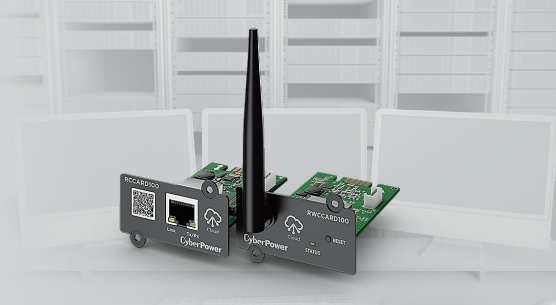
The well-integrated solution enables users to add the devices to the cloud system through PowerPanel Software, Remote Cloud Card, or via Remote Management Card and PowerPanel Gateway.

Easy System Management

By creating an account and using it to add the devices to PowerPanel Cloud, management of multiple devices becomes easy with one single account.



REMOTE CLOUD CARD RCCARD100/RWCCARD100



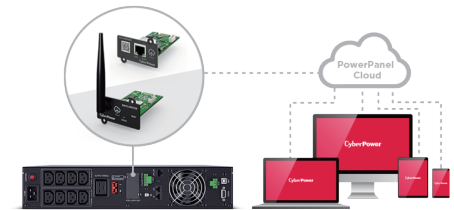
Convenient Remote Power Management for UPS

These add-on cards work with PowerPanel Cloud when installed onto the UPS expansion slot for remote UPS monitoring and management through the cloud. The products feature plug-and-play design, allowing quick and easy installation.

Main Features

UPS Management Through Cloud

Users can add a UPS to the PowerPanel Cloud system through the product, enabling remote monitoring and management of multiple UPS systems via a secure web portal or mobile app.



QR Code for Quick Setup

For users with wired Ethernet network, it is quick and easy to add the UPS to the cloud system just by scanning the QR code on the product through PowerPanel App.

*For RCCARD100 only

Wireless Connection

For users with wireless Ethernet network, the product supports wireless connection to add the UPS to the cloud system just by configuring a few settings through PowerPanel App.

*For RWCCARD100 only



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ABOUT US

Founded in 1997, CyberPower has followed a path to success through engineering excellence and quality standards in power protection and computer accessories. After years of implementation of a global branding strategy, what we've provided to millions of satisfied customers are not only award-winning products, but a sense of security.

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