WEBCARD-M3 Network Management Card for Select UPS Systems and PDUs

MODEL NUMBER: **WEBCARD-M3**







Improves system reliability by warning of power issues and helping to perform safe shutdowns of servers and storage.

Highlights

- Turns a compatible UPS system or PDU into a managed device on your network
- Sends automated alerts and proactively assesses status of connected equipment
- Allows easy integration with native systems and automated M2M interactions
- Reboots unresponsive equipment remotely without requiring a costly site visit
- Compatible with Eaton Brightlayer Data Centers software suite

Package Includes

- WEBCARD-M3 network management card
- Quick Start Guide

Features

Allows Any Compatible UPS System or PDU to Function as a Managed Network Device
The WEBCARD-M3 turns a compatible UPS system or PDU into a managed device on your network. It enables remote management of a connected device through load shedding and safe shutdowns. It reboots protected devices attached to load segments. It monitors site electrical data, UPS self-test logs, alert logs and logged power events like blackouts, brownouts and overvoltage conditions. You can receive alert notifications via email or SMS. Real-time clock links to a Network Time Protocol (NTP) server to maintain current day and date even after a UPS shutdown.

Widely Compatible with Eaton Power Management Software
The WEBCARD-M3 works with multiple Brightlayer Data Centers suite power management software solutions that provide the deeply insightful intelligence into IT power usage that you need to streamline operations and prepare for future needs. They also enable extensive automation and remote management and control that shortens response times to power issues for more resilient uptime. Brightlayer Data Centers software suite includes Data Center Performance Management (DCPM), Distributed IT Performance Management (DITPM), Visual Power Manager (VPM), Intelligent Power Manager (IPM), Visual Capacity Optimization Manager (VCOM) and cloud-based remote monitoring services (PredictPulse in North and South America, CSM [Cyber Secured Monitoring] in Europe, the Middle East and Africa).

Designed for Convenient Operation
A certificate manager helps create and distribute digital certificates to multiple devices, which reduces the administrative burden and streamlines UPS management. The WEBCARD-M3 remote management card allows real-time monitoring from Google Chrome and Microsoft Edge web browsers.

Supports Multiple Protocols
This Gigabit network card provides versatile support through HTTPS1.1, MQTTS, TLS 1.2, SNMPv1, SNMPv3, NTP, SMTPS, BOOTP/DHCP, CLI, SSH, ARP and Syslog IP protocols to ensure alarms and alerts are properly communicated. DHCP/Manual configuration support enables automatic or manual assignment of network settings.

Works with a Wide Range of Platforms and Network Devices
Support of 10/100/1000 Mbps Gigabit networks makes the WEBCARD-M3 compatible with better performing, cost-effective and widely deployed Gigabit networks. Using a REST API simplifies integration with other systems, provides real-time data, supports scalability and automates M2M interactions, all of

which can help to improve the security, reliability and efficiency of the UPS system. You can connect to a field bus via RS-232/RS-485 connector (Modbus).

Optional Sensor Monitors Environmental Conditions
The EMPDT1H1C2 Environmental Monitoring Probe (EMP) Gen 2 (sold separately) provides remote temperature and humidity monitoring, as well as a dry contact interface to monitor alarm, security and telecom devices. You can daisy-chain up to three EMPDT1H1C2 probes to a host, allowing multiple sensor connections.

Specifications

OVERVIEW	
UPC Code	037332288554
UPS Type	Industrial; Line-Interactive; On-Line; Standby
INPUT	
Nominal Input Voltage(s) Supported	12V DC; 5V DC; 9V DC
UPS Input Connection Type	5-15P
Voltage Compatibility (VDC)	5V - 18V
OUTPUT	
Output Capacity (VA)	0
Output Capacity (Watts)	0
Frequency Compatibility	50 / 60 Hz; 50 Hz; 60 Hz; Supports 50 to 60 Hz and 60 to 50 Hz conversion
Output AC Waveform (Battery Mode)	PWM sine wave; Pure Sine wave; Sine wave
Nominal Output Voltage(s) Supported	120V
Output Receptacles	Network
Individually Controllable Load Banks	No
BATTERY	
Expandable Runtime	No
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side A - Connector 2	MICRO-USB B (FEMALE)
Side A - Connector 3	USB A (FEMALE)
Slot Type	Mini-Slot
PHYSICAL	
Primary Form Factor	DIN-Rail; Desktop; Rackmount; Surface Mount; Tower; Vertical; Wall-mount

Unit Dimensions (hwd / in.)	5.200 x 2.600 x 1.700
ENVIRONMENTAL	
Operating Temperature	32° to 104°F (0° to 40°C)
Operating Humidity Range	90% RH max. without condensation
COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Communications Interface	RJ45 Network
Protocol Support	HTTPS1.1, MQTTS, TLS1.2, SNMPv1, SNMP v3, NTP, SMTPS, BOOTP/DHCP, CLI, SSH, ARP and Syslog
APPLICATIONS	
UPS Applications	Computer Gaming; Retail/Point of Sale; Hospitality; Home/Office Desktop; Computer/Peripherals; High-End Desktop/Small Network; Large Network; Mission Critical Applications; Hospital/Medical; Home Network; Smart Home
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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