



Powering Business Worldwide

Eaton Cybersecure Gigabit NETWORK-M2 Card for UPS and PDU, UL 2900-1 and IEC 62443-4-2 Certified

MODEL NUMBER: NETWORK-M2



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

Features

UPS Connectivity Device Certified to Strict UL Cybersecurity Standards

The NETWORK-M2 Gigabit Network M2 card meets both UL 2900-1 and IEC 62443-4-2 cybersecurity standards, empowering IT professionals with superior Gigabit speed, capabilities and features, while ensuring the highest level of defense against emerging cybersecurity threats. Security enhancements include strong encryption, configurable password policy and usage of CA and PKI signed certificates. This network interface is recommended for use with better performing, cost-effective and widely deployed Gigabit network switches.

Compatible with Eaton Intelligent Power Manager

NETWORK-M2 works with IPM v1.61 and higher to improve business continuity by triggering policies configured to keep mission-critical applications running in case of power or environmental anomalies, including virtual machine relocation or automated disaster recovery action.

Enables Remote UPS and PDU Management

NETWORK-M2 turns a compatible UPS system or PDU into a managed device on your network. It enables remote management of a UPS through load shedding and safe shutdowns and 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.

Supports Multiple Protocols

This network interface provides versatile support through IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv3, SMTP/SMTPS, SSL and SSH. It also supports Google Chrome and Mozilla Firefox web browsers. DHCP/Manual configuration support enables automatic or manual assignment of network settings.

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 connection. The probe is compatible with NETWORK-M2 and Eaton rack PDUs, including G3

Highlights

- Meets stringent UL 2900-1 and IEC 62443-4-2 cybersecurity standards
- Enhancements include strong encryption and configurable password policy
- Fast 1 Gbps speeds compatible with widely deployed Gigabit network switches
- Enables remote UPS and PDU management by turning them into managed devices
- Compatible with optional EMPDT1H1C2 environmental monitoring module

System Requirements

Eaton UPS system or PDU with compatible accessory slot, including 5P, 5PX, 9130, 9PX, 9PXM, 9SX, ATS rack PDU (EATS115, EATS120, EATS220)

Package Includes

- Gigabit Network M2 Card
- USB configuration cable, 5 ft. (1.5 m)
- User's Guide



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(firmware 4.x or later), G3HD and G3+ models.

Specifications

OVERVIEW	
UPC Code	786689016890
INPUT	
Voltage Compatibility (VDC)	5V - 12V
CONNECTIONS	
Slot Type	Mini-Slot
PHYSICAL	
Unit Dimensions (hwd / in.)	1.650 x 5.190 x 2.590
ENVIRONMENTAL	
Operating Temperature	32 to 104°F (0 to 40°C)
Operating Humidity Range	90% RH max. without condensation
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
Protocol Support	HTTPS, TLS 1.2, SNMPv1, SNMPv3, NTP, TFTP, SMTP, SMTPS, BOOTP, DHCP, SLAAC, SSH, MQTTS
STANDARDS & COMPLIANCE	
Product Certifications	IEC 62443-4-2; UL 2900-1
Product Compliance	CE (Europe); RoHS3
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	2-year limited warranty

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