



# UPS MANAGEMENT SYSTEMS

- ✓ *SNMP-NMC CARD*
- ✓ *EMD-HT-C CARD*
- ✓ *AS400N CARD*
- ✓ *CMC CARD*
- ✓ *WINPOWER SOFTWARE*



# UPS MANAGEMENT SYSTEMS

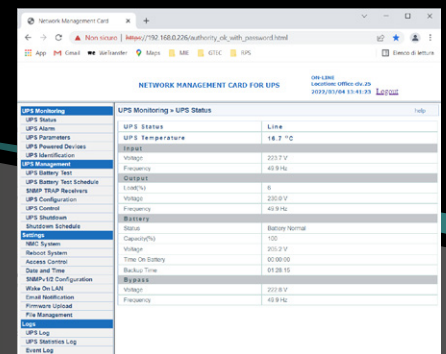
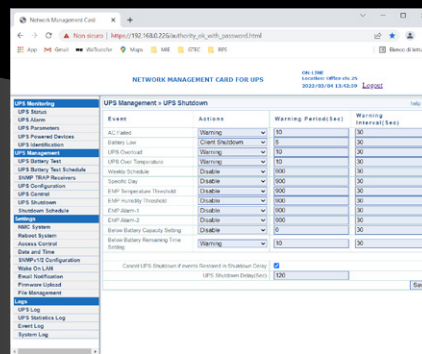
GTEC UPSs offer complete protection to any connected device, in any kind of location and environment. It is therefore very important to constantly check the UPS usage and status.

That's why GTEC provide a set of **monitoring utilities** that can be equipped on UPS in order to supervise the system and to allow users to proceed with a series of direct actions, in case of need, even remotely.

## SNMP-NMC (SNMP-NMC, NMC, 730-80348)

SNMP-NMC card is a **UPS monitoring accessory** that allows to link UPS via Ethernet networks, providing access information and configuration for the UPS.

All the information can be easily read through a dedicated Web browser page. SNMP-NMC comes also with **SPS (System Protect Software)**: an application program for multi-servers (OS) shutdown purpose.



### KEY FEATURES

- UPS management and configuration through Ethernet by SNMP Protocol
- Standard MIB (RFC1628.mib) compatible
- Record logs for analysis
- Supports Http/Https - Web browser
- Supports multi-OS shutdown by SPS
- Warning notification via e-mail
- Supports SNMPv1/SNMPv2c/SNMPv3 protocols
- Supports shutdown in VMware by SPS
- Supports Modbus communication over TCP/IP
- Enables to monitor UPS status on web browser
- Communicates with UPS and respond to Network Management System using SNMP Protocol (Simple Network Management Protocol)
- Supports RTC (Real-Time-Clock)
- Supports software to safely shutdown server or client operating system during power failure

## EMD-HT-C

The **Environmental Monitoring Device (EMD)** is a connectivity device that allows you to collect environment temperature and humidity readings, and to remotely monitor all data through a standard Web browser.

It also allows you to collect and retrieve the status of two contact external devices.

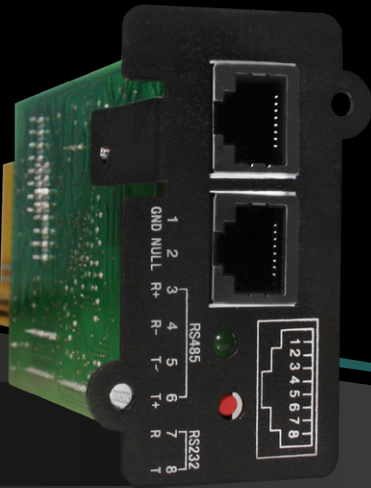
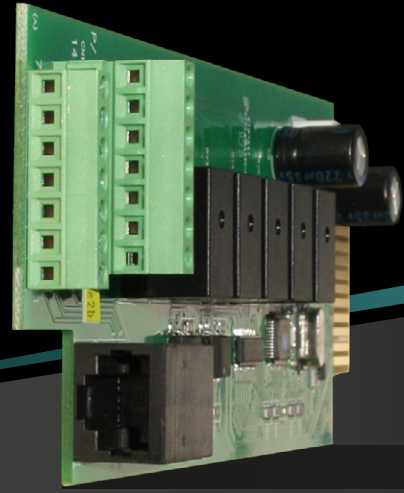
The EMD measures **temperatures from 0°C to 70°C** with an accuracy of  $\pm 2^{\circ}\text{C}$ , and relative **humidity from 10% to 90%** with an accuracy of  $\pm 5\%$ .



# AS400N CARD

## KEY FEATURES

- Provides voltage-free dry-contact signals for programmable controller and management system
- 5 output relay signals
- 1 input signal for remote on/off and UPS shutdown
- Configurable normal-open or normal-close signal
- Configurable delay time



# CMC

## KEY FEATURES

- Easy solution for remote monitoring and control
- Converts the UPS RS232 signal new RS232 signal with specified address
- Converts the UPS RS232 signal into RS485 signal (4-wire, full-duplex)
- Provides a pair of RJ45 interface
- Modbus protocol converter

# WINPOWER

WinPower is a **professional UPS monitoring software** which supports either standalone computers or network connected computers (including LAN & Internet).

The software is **download free** for any GTEC users and it allows to easily monitor the UPS status directly by computer, with no other specific cards required.

## KEY FEATURES

- Real time remote monitoring for UPS
- Scheduled system shutdown/Restart/UPS test
- Record logs for analysis
- Supports shutdown for different OS
- Warning notification via SMS and e-mail
- Supports password security protection
- Supports central monitoring for SNMP card
- Supports shutdown in VMware



# GTEC SERVICE

GTEC supports its customers throughout the whole product life cycle, providing technical assistance and after-sales service at the highest professional standards, so to produce the best partnership experience.



**MAINTENANCE** is an essential activity in order to guarantee a safe and stable load protection. GTEC shows maximum care about this topic, providing the best service in terms of experience, instrumentation and safety level.



The **TECHNICAL SUPPORT** service, delivered through the dedicated Help Desk platform, guarantees prompt answers to customers' requests and allows them to directly schedule maintenance activities.



The partnership between GTEC and its customers gets consolidated through the **TRAINING SESSIONS** proposal for technical staff, so that each user can operate on the UPSs with maximum consciousness and safety.



Also, in the GTEC Service offers, a **PROJECT CONSULTING** team is available, in order to provide the best solution according to the designer's needs.

GTEC Europe srl  
Strada Marosticana, 81/13  
36031 Dueville (VI), Italy  
Tel. +39 0444.361321  
info@gtec-power.eu



GTEC France  
france@gtec-power.eu



[www.gtec-power.eu](http://www.gtec-power.eu)