



COMET EXTreme UPS

4.5/6/9/12 kVA

Modular protection for your computer rooms, networks, internet and telecom systems

▶ **High performance and reliability**

- > On-line double conversion technology
- > 84 to 264 V input without using battery over
- > CE/TÜV-GS and ISO 14001 standards

▶ **High availability**

- > Automatic bypass
- > Hot-swap function
- > Redundancy

▶ **Advanced communications**

- > Wide range of communication solutions
- > Solution-Pac remote administration software
- > UPS-Driver personalization software

▶ **Ease of use**

- > Easy installation and integration
- > Practical full-featured user interface
- > Warranty+: three-year extended warranty

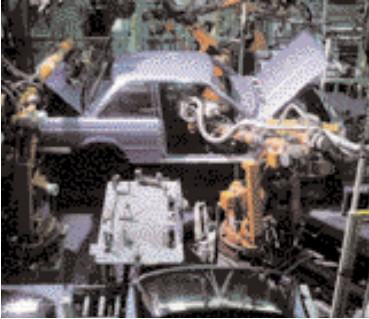
▶ **Flexibility and scalability**

- > Backup times from 10 minutes to 8 hours



THE UNINTERRUPTIBLE POWER PROVIDER

MGE
UPS SYSTEMS



Comet EXtreme UPSs are designed to meet the needs of modern equipment: network, intranet and internet servers and interconnection devices, computer and telecommunications centers, medical and industrial equipment.

High performance and reliability

► On-line double-conversion technology

This technology guarantees a consistently high level of power quality. Whatever the disturbances on the distribution system, the waveform is regenerated via the AC to DC then DC to AC conversion process. The battery is used only as a backup source.

► High-performance battery charger

The Comet EXtreme battery charger:

- > reduces battery recharge time (80% backup time recovered in two hours);
- > increases the service life of the battery by taking into account manufacturer parameters, ambient temperature and battery aging;
- > protects the battery against damage caused by deep discharge;
- > avoids disturbances on the distribution system by correcting the power factor;
- > backfeed protection to avoid propagating faults on the distribution system.

► Wide input-voltage range

Comet EXtreme optimizes the input-voltage window to reduce the number of transfers to battery power while maintaining constant output voltage. This maximizes the battery power available for serious power problems and extends battery life.

High availability

► Cold start on battery power

This function ensures trouble-free start-up of your applications even during a utility power outage.

► Automatic bypass

In the event of an overload or UPS fault, Comet EXtreme automatically transfers your equipment to utility AC power.

► Hot-swap function

Comet EXtreme lets you service the UPS module and replace batteries without interrupting the supply of power to your applications.

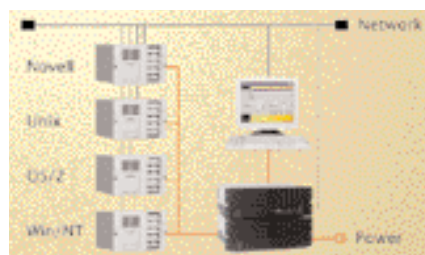
Advanced communications

Comet EXtreme offers a complete set of communications solutions and accessories designed for electrical and computer applications.

► Communications port

The RS232 link is available for easy connection of the UPS to the server. It may be used for:

- > **personalization of Comet EXtreme** by modifying the factory-set parameters (output voltage, intervals between battery tests, operation on bypass, etc.) via UPS-Driver software.
- > **local or remote administration** of the UPS and the protected servers, either :
 - > Via SNMP and the Solution-Pack software suite available on CD-Rom or via the web and XML software products downloadable on our web site www.mgeups.com



Solution-Pack ensures clean individualized shutdown of servers in heterogeneous environments.

- > Beside the administration, via SNMP or the Web, our software may be used to:
 - > alert users;
 - > automatically shut down different servers in a heterogeneous environment;
 - > remotely supervise and control UPSs.

► Two communications slots

These slots let you add one or two USB, SNMP, XML-Web, JBus, Relay contact, etc. communication cards. The cards make UPS communication totally independent. For example, they keep you informed of UPS status when the server is shut down.



Communications slots



UPSControl remote control panel

► UPScontrol remote display

Using UPScontrol, the various UPS parameters are remotely displayed.

► MultiSlot expansion module

This module provides three additional communications slots and concentrates the data from an installation comprising redundant UPSs.



