# Pulsar *ellipse premium*
## 500/650/800/1200 **UPSs**



## Professional power protection for workstations and small servers

The productivity of your business depends on the flawless operation of servers and workstations.

And to make sure they stay up and running, no matter what, you need perfect power protection.

With a **Pulsar *ellipse premium*** UPS, you get the protection you need plus:

◗ **optimum price/performance ratio**
◗ **easy installation and operation**
◗ **maximum backup times for your most critical applications**

THE UNINTERRUPTIBLE POWER PROVIDER

# M G E
## UPS SYSTEMS

# Different models for different applications

The Pulsar *ellipse premium* range is designed to provide perfect power protection for professional workstations and small servers operating under Windows XP/2000/NT, Linux, Netware, SCO or Apple Mac.
The range comprises four power ratings that can communicate in USB or Serial mode.

**500**      **650**      **800**      **1200**

**Backup time examples**

| Pulsar *ellipse premium* | 500 &500 USBS | 650 USBS | 800 USBS | 1200 USBS |
|---|---|---|---|---|
| *Communication* | *USB + Serial* | *USB + Serial* | *USB + Serial* | *USB + Serial* |
| 1 workstation running Windows XP/2000 | 10 min | 30 min | | |
| 1 server running Windows XP/2000/NT/Linux | 15-20 min | 35 min | | 1 hour |
| 2 servers running Windows XP/2000/NT/Linux | | | 10 min | 20 min |
| 1 Apple G5 workstation + peripherals | 10 min | 25 min | | |
| 1 Apple G4 server | 15 min | 25 min | | |
| 2 Apple G4 servers | | | 10 min | 20 min |

# Maximum backup times for your most critical applications

*Pulsar ellipse premium offers special functions providing critical applications with longer backup times.*

◗ **Pulsar *ellipse premium* 500**

Some peripherals (printers, scanners) simply require surge protection.
Connect them to the special outlet on the Pulsar *ellipse premium* 500 for continuous surge protection, without consuming precious battery power during an outage.

Ink jet      Laser

Scanner      Fax

◗ **Pulsar *ellipse premium* 650/800/1200**

Using the programmable PowerShare outlets, you can assign maximum backup time to the most critical applications.

This operation is extremely simple using the Personal Solution-Pac power management software.

Your UPS can now deliver longer backup times to critical loads, at no extra cost!

1. This outlet can be automatically shut down after a few minutes on battery power. This reduces the load on the UPS.

2. As a result, maximum backup time is available for the other outlets supplying the critical loads.

# Optimum price/performance ratio

*Pulsar ellipse premium UPSs use line-interactive technology to guarantee effective protection for your workstations and servers, even in highly disturbed electrical environments.*

◗ **universal**
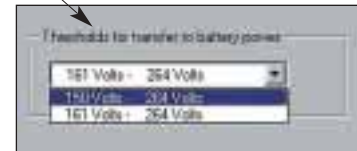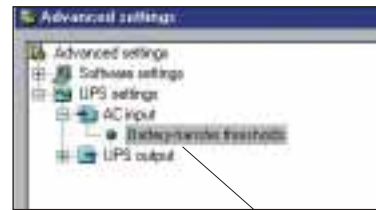The wide input-voltage range avoids frequent transfers to battery power.
Maximum backup time is conserved for real problems.

◗ **adaptable**
The thresholds for transfer to battery power may be adjusted using the supplied Solution-Pac software.

◗ **quality power**
Voltage variations are automatically corrected by the booster device, ensuring high-quality power for computer systems without frequent transfers to battery power.

*Wide input-voltage range, easy to set*

# Easy installation and operation

*Pulsar ellipse premium is a simple and complete power protection solution for your computer system.*

◗ **Everything from the UPS to software to cables**

**A complete package**
Every Pulsar *ellipse premium USBS* UPS, comes with Personal Solution-Pac power management software.
The USB and serial cables are always included.

**Guaranteed compatibility, easy installation**
Whether your computer runs Windows XP/2000/NT, Linux, Apple Mac, SUN Solaris, SCO Unixware or Novell Netware, Personal Solution-Pac software is easy to install and use.

**Upgrades**
Software updates and the latest versions may be downloaded free of charge from the *www.mgeups.com* site.

◗ **Complete information, clearly presented**

The different screens indicate the status of the UPS in a very simple manner.

*UPS status at a glance*

*Graphic display of log*

◗ **Dynamic management of system security**

Personal Solution-Pac saves data on electrical events, alerts users and can automatically shut down the computer system if an outage lasts too long.

Using the powerful Event/Action module, it is possible to precisely adapt the management of system security, including shutdown of applications, sending of alerts via pagers or e-mail, programmed action sequences, monitoring of specific parameters, etc.

*Event/Action module*

# Pulsar *ellipse premium* strong points

| | ellipse premium 500 | ellipse premium 650/800/1200 |
|---|:---:|:---:|
| **Features** | | |
| Automatic voltage regulation | ▶ | ▶ |
| Wide input-voltage range | ▶ | ▶ |
| Adjustable thresholds via software (USBS models) | ▶ | ▶ |
| **Load** | | |
| Direct connection to standard outlet block for each country (USE, DIN, BS, IEC) | ▶ | ▶ |
| Outlet for peripherals requiring surge-protection only (laser printer, etc.) | ▶ | |
| PowerShare outlet with programmable backup time | | ▶ |
| **Battery** | | |
| Compact, sealed lead-acid battery | ▶ | ▶ |
| Battery charger (operates as soon as the UPS is plugged in) | ▶ | ▶ |
| Battery deep-discharge protection | 4h | 4h |
| Cold start | ▶ | ▶ |
| Automatic battery test | ▶ | ▶ |
| Replace battery indicators (LED + buzzer) | ▶ | ▶ |
| Replaceable battery | ▶ | ▶ |
| **Communication** | | |
| Communications port | USB + Serial | |
| Power management software * | Supplied on Solution-Pac CD-ROM | |
| Compatibility | Windows XP/2000/ME/98/NT, Apple Mac OS 9 and X Linux, Netware, Solaris, SCO Unixware | |
| Data-line protection | Tel/Fax/Modem + Ethernet 10/100 | |
| **Installation** | | |
| Vertical or horizontal (under monitor) | ▶ | |
| 19-inch rack (optional 2U/3U kit for *ellipse* and *ellipse premium*) | 2U | 3U |
| **Services** | | |
| Extended three-year warranty | Optional Warranty+ contract (depending on the country) | |

\* Software supplied on CD-ROM for all models. Updates may be downloaded free of charge at www.mgeups.com.

# Main characteristics

| | ellipse premium 500 | ellipse premium 650 | ellipse premium 800 | ellipse premium 1200 |
|---|:---:|:---:|:---:|:---:|
| **General** | | | | |
| Power (VA / Watt) | 480/280 | 650/420 | 800/520 | 1200/780 |
| Dimensions (W x H x D in mm) | 78x303x309 | 130x320x340 | | |
| Weight (kg) | 7 | 10 | | 12 |
| **Technical characteristics** | | | | |
| Input-voltage range | 160 V to 264 V (adjustable to 150 V to 264 V on USBS models) | | | |
| Output voltage (on battery power) | 230 V (adjustable to 220 V, 230 V and 240 V on USBS models) | | | |
| Input and output frequency | 50 / 60 Hz (autosensing) | | | |
| Surge Suppression | 525 Joules | | | |
| Resettable protection (circuit breaker) | ▶ | ▶ | ▶ | ▶ |
| **Standards** | | | | |
| Safety | EN 50091-1-1, EN60950(RD), IEC 60950, TÜV GS-Mark (DIN model) | | | |
| Electromagnetic compatibility | EN 50091-2, EN 50022/B, IEC 62040-2, IEC 61000-3-2, IEC 61000-3-3 | | | |
| Design, manufacture, services | ISO 9001 | | | |
| Environment | Made in France in an ISO 14001 certified factory | | | |

USB and serial port
(USBS models)

Easy to use:
- on/off button with indicating light
- UPS-status indicators
+ alarm LEDs (fault, battery replacement required, overload)

Extra-thin high-power battery

Data line protection :
Tel/Fax/Modem/Internet
+ Ethernet 10/100
(USBS models)

Surge-only protection for peripherals
(*ellipse premium* 500)
or PowerShare outlet
(*ellipse premium* 650/800/1200)

Resettable protection

Direct connection
to wall outlet

Standard outlet block for each country, providing backup power and surge protection

DIN    USE    BS    IEC