

Pulsar *ellipse*
300-1200VA

Pulsar *ellipse premium*
500-1200VA

Pulsar



ellipse

Reliable Power Protection for PCs, workstations and small servers

Pulsar *ellipse* and Pulsar *ellipse premium* are the UPS of choice to maximize

the power availability of PCs, workstations and small servers used by home office

users and small to medium businesses. Their distinctive compact and lightweight

design is the result of MGE's investment in research and development to provide

users with the best combination of performance and size.

Advanced Features

- ▶ High frequency switching makes Pulsar ellipse very small and light
- ▶ Smart stand-by technology for Pulsar ellipse and line-interactive for Pulsar ellipse premium
- ▶ Powershare receptacles that allow the user to remotely switch on or off any equipment
- ▶ User-replaceable batteries
- ▶ Built-in surge protection
- ▶ USB or Serial communication port options
- ▶ Seamless integration of MGE Solution-Pac with any operating systems
- ▶ 6/7 receptacles to protect extra peripheral equipment
- ▶ Rack-mount option available
- ▶ Seamless integration with Microsoft Windows 2000

M G E
UPS SYSTEMS



Pulsar *ellipse* with 300 to 1200VA protection ranges, is perfect for your PC, Workstations, external storage systems and peripherals.

Pulsar *ellipse* has a smart stand-by technology. If the input voltage is out of 96-138V window, Pulsar *ellipse* will switch automatically to the battery to provide 120V to your equipment.



Pulsar *ellipse premium* with 500 to 1200 VA protection ranges, is perfect for your PC multimedia, high-end workstations, PC servers, storage systems and small servers.

Pulsar *ellipse premium* has line-interactive technology. Its Automatic Voltage Regulation (AVR) automatically corrects brownout conditions allowing you to work through brownouts without unnecessary battery drain. Pulsar *ellipse premium* provides continual power to your equipment in under-voltage conditions without using batteries. With this feature, batteries will last longer.

Features for both ellipse and ellipse premium families

- ▶ Powershare (load-shedding) receptacles: This feature allows the user to remotely program a shutdown schedule for non-critical loads in order to keep the maximum of the battery reserve for critical equipment.
- ▶ Surge protection receptacles: The user can connect any power-hungry equipment (scanner, fax, laser printer...) to be protected against surges. Therefore, with one Pulsar UPS, you can protect all your peripheral equipment.
- ▶ The deep discharge protection feature avoids any irreversible damage of the batteries.
- ▶ Cold start feature : equipment can be turned on while the utility is not present. The power will be provided by the battery.
- ▶ Flexible design for vertical, flat position (under the monitor) or rack-mount options.
- ▶ Easy installation and operation.

Long back-up time (in minutes)	Load in Watts												
	50	100	150	180	200	280	350	420	520	600	650	700	780
Pulsar ellipse 300 (180W)	0:57	0:28	0:13	0:11									
Pulsar ellipse/ellipse premium 500 (280W)	0:57	0:18	0:13	0:11	0:09	0:05							
Pulsar ellipse/ellipse premium 650 (420W)	1:35	0:45	0:23	0:21	0:19	0:13	0:10	0:07					
Pulsar ellipse/ellipse premium 800 (520W)	1:35	0:45	0:23	0:21	0:19	0:13	0:10	0:07	0:05				
Pulsar ellipse/ellipse premium 1200 (780W)	2:55	1:20	0:52	0:45	0:38	0:22	0:18	0:14	0:10	0:09	0:08	0:07	0:06

Pulsar *ellipse premium* 500-1200VA *Different models for different applications*

The Pulsar *ellipse premium* is designed to provide perfect power protection for professional workstations and small servers operating under Windows 2000/NT, Linux, Netware, SCO or Apple Mac. The Pulsar *ellipse premium* comprises four power ratings that can communicate via a USB or a serial port, depending on the model. USB models are automatically integrated by Windows 2000 and Apple Mac OS.



Backup time examples

Pulsar <i>ellipse premium</i> Communication	500 & 500 USB USB	650 S Serial	800 USB USB	1200S Serial
1 workstation running Windows 2000	10 min		25 min	
1 server running Windows 2000	15-20 min		30 min	
2 servers running Windows 2000			10 min	
1 server running NT/Linux/Netware/SCO		30 min		1 hour
2 servers running NT/Linux/Netware/SCO		10 min		20 min
1 Apple G4 workstation + peripherals	10 min		25 min	
1 Apple G4 server	15 min		30 min	
2 Apple G4 servers			10 min	

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* UPS, whether USB or serial, comes with Personal Solution-Pac power management software. The USB or serial cable is always included.



Guaranteed compatibility, easy installation

Whether your computer runs Windows 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.

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

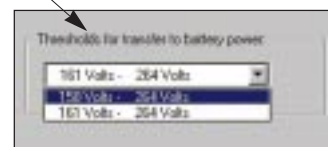
The thresholds for transfer to battery power may be adjusted using the supplied Solution-Pac software.

► 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



Pulsar *ellipse* 300-1200VA Affordable Power Protection for PCs and workstations

Proven Technical Features You Can Rely On

Features	Benefits
▶ High frequency switching technology	Reduces sizes and weights up to 50%, and reduces magnetic interference with monitor
▶ Cold start	Provides instant ability to start UPS after power outage
▶ User-replaceable batteries	Provides means of renewing battery and protecting the environment
▶ Battery management	Extends battery life up to 50%
▶ Data line protection	Arrests surges and spikes from fax, modem or network line. These disturbances can damage the computer

Easy Operation and Connection



Clean design makes the new *ellipse* easy to connect and makes battery replacement a snap!



ellipse 300/500 (six outlets total)

- ▶ 2 outlets for peripherals (surge protected only)
- ▶ 4 outlets for sensitive equipment (surge protected & battery backed-up)

ellipse 650/800 (seven outlets total)

- ▶ 3 outlets for peripherals (surge protected only)
- ▶ 4 outlets for sensitive equipment (surge protected & battery backed-up)

ellipse 1200 (seven outlets total)

- ▶ 7 surge protected and battery backed-up outlets
- ▶ Includes 3 switchable outlets for load shedding (see next page)

- 1 Door for replacing batteries (except 1200 model)
- 2 Communication port (RS232 or USB)
- 3 Site wiring fault indicator
- 4 360° flat rotating input plug for greater flexibility
- 5 Data line protection (RJ11/RJ45)
- 6 Input circuit breaker
- 7 4 stabilizing feet

Operating Systems Supported

	RS232	USB
Win 98 SE, Win 2000	■	■
Win 95 OSR2, Win NT 3.51 & 4	■	
Linux kernel 2.0.X, kernel 2.2	■	
Netware 3.12, 4.12, 5.0	■	
SCO 5.0, Unixware 7.X	■	
Mac/OS 9.X		■
SUN Solaris	■	
Silicon Graphics IRIX	■	
IBM OS/2, AIX	■	
HP UX	■	

Comprehensive Display and Controls



On/Off switch Overload Battery Status Fault

Sizing Guide & Battery Runtimes (measured in minutes)

Model-Monitor	iMac	PC/Mac15"	PC/Mac-17"	PC/Mac-19"
<i>ellipse</i> 300	18	16	13	10
<i>ellipse</i> 500	18	16	13	10
<i>ellipse</i> 650	45	30	23	19
<i>ellipse</i> 800	45	30	23	19
<i>ellipse</i> 1200	80	65	50	35

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