

# Pulsar



# ellipse

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.

# ellipse premium

THE UNINTERRUPTIBLE POWER PROVIDER

Pulsar *ellipse*  
300-1200VA

Pulsar *ellipse premium*  
500-1200VA

*Reliable Power Protection  
for PCs, workstations and  
small servers*

### Advanced Features

- ▶ High frequency switching makes Pulsar *ellipse* very small and light
- ▶ Smart stand-by technology for Pulsar *ellipse* and line-interactive technology 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* and *ellipse premium* A range of models to suit your needs



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

Pulsar *ellipse* has 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.

### Comprehensive Display and Controls



On/Off switch Overload Battery Status Fault

Pulsar *ellipse premium* ranging from 500 to 1200 VA, 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.

## 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.

## 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
► Powershare	Remotely programs a shutdown schedule for non-critical loads

Load in Watts	50	100	150	180	200	280	350	420	520	600	650	700	780
Pulsar <i>ellipse</i> 300 (180W)	57	28	13	11									
Pulsar <i>ellipse/ellipse premium</i> 500 (280W)	57	18	13	11	9	5							
Pulsar <i>ellipse/ellipse premium</i> 650 (420W)	35	45	23	21	19	13	10	7					
Pulsar <i>ellipse/ellipse premium</i> 800 (520W)	95	45	23	21	19	13	10	7	5				
Pulsar <i>ellipse/ellipse premium</i> 1200 (780W)	175	100	52	45	38	22	18	14	10	9	8	7	6

# Pulsar *ellipse* and *ellipse premium* Different models for different applications

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



## Operating Systems Supported

	RS232	USB
Win 98 SE, Win 2000, Me	★	★
Win 95 OSR2, Win NT 3.51 & 4.X	★	
Linux, RedHat, Mandrake, SuSE, Corel, Slackware	★	
Netware 3.12, 4.12, 5.0	★	
SCO 5.0, Unixware 7.X	★	
Mac/OS 9.X, 10.1, 10.2		★
SUN Solaris PC & WS	★	
IBM OS/2 Warp Connect, AIX	★	
HP UX 10.X – 11.X	★	
Novell Netware 3.12 – 4.02 – 5.X – 6.X	★	
FreeBSD 3.4 and 4.0	★	

## Easy Installation and Operation

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

### ► 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.



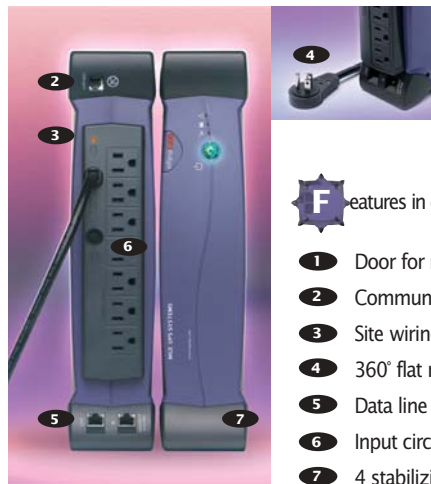
### ► Guaranteed compatibility, easy installation

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 down-loaded **free** from the [www.mgeups.com](http://www.mgeups.com) site.

The Pulsar *ellipse* clean design makes it easy to connect and makes battery replacement a snap!



### *ellipse 300/500* (6 outlets total)

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

### *ellipse 650/800* (7 outlets total)

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

### *ellipse 1200* (7 outlets total)

- 7 surge protected and battery backed-up outlets
- Includes 3 switchable outlets for load shedding

**F**eatures in design of the *ellipse* include:

- 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

# Pulsar *ellipse* range



VA rating	300	480	650	800	1200
Watts	180	280	420	520	780
UPS technology	Smart stand-by	Smart stand-by	Smart stand-by	Smart stand-by	Smart stand-by
Nominal voltage	108/120/127V*	108/120/127V*	108/120/127V*	108/120/127V*	108/120/127V*
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Back-up time (half load)	30 min.	14 min.	19 min.	15 min.	16 min.
Output wave shape	Quasi sinewave	Quasi sinewave	Quasi sinewave	Quasi sinewave	Quasi sinewave
Receptacle on battery	4	4	4	4	4
Receptacle (surge protection only)	2	2	3	3	-
Powershare receptacle	-	-	-	-	3
Surge suppression (joules)	185	185	185	185	185
Input circuit breaker	10 amps	10 amps	10 amps	10 amps	10 amps
Communication ports	USB	USB or Serial	USB or Serial	USB	USB or Serial
Data-line protection	RJ45 network protection	RJ45 network protection	RJ45 network protection	RJ45 network protection	RJ45 network protection
Input Plug	NEMA 5-15 right angle plug, rotates 360°, 6 foot cord				
<b>Batteries</b>					
Type	1 each 12V, 5 Ah	1 each 12V, 5 Ah	2 each 12V, 5 Ah	2 each 12V, 5 Ah	3 each 12V, 5 Ah
Life expectancy (smart battery management)	5 years	5 years	5 years	5 years	5 years
Recharge time	8 hours	8 hours	8 hours	8 hours	8 hours
Deep discharge protection	4 hrs. max runtime	4 hrs. max runtime	4 hrs. max runtime	4 hrs. max runtime	4 hrs. max runtime
<b>Physical Specifications</b>					
Size (WxHxD in.) / Weight (lbs.)	10 x 10 x 3.2 / 8	10 x 10 x 3.2 / 8	12 x 12 x 3.2 / 14	12 x 12 x 3.2 / 14	14 x 14 x 3.2 / 21
Stand alone and Rack-mountable	Yes	Yes	Yes	Yes	Yes
Flat position (under the monitor)	Yes	Yes	Yes	Yes	Yes
<b>Pulsar <i>ellipse</i></b>					
<b>Design Standards / Warranty</b>					
Safety	UL, cUL, FCC				
Operation temperature	0-35C / 32-96F				
Storage temperature	0-50C / 32-122F				
Noise (dBA)	40				
Warranty (US & Canada)	2 years, parts & labor				
Pure Power Promise	\$35 000				
Environmental	Recyclable components, packaging & documentation, recycled materials, used battery recovery				

\*User Adjustable

# Pulsar *ellipse premium* range



VA rating	480	650	800	1200
Watts	280	420	520	780
UPS technology	Line-interactive (Automatic Voltage Regulation)	Line-interactive (Automatic Voltage Regulation)	Line-interactive (Automatic Voltage Regulation)	Line-interactive (Automatic Voltage Regulation)
Nominal voltage	108/120/127V*	108/120/127V*	108/120/127V*	108/120/127V*
Input voltage window	84 - 138V (78 - 138V*)	84 - 138V (78 - 138V*)	84 - 138V (78 - 138V*)	84 - 138V (78 - 138V*)
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Back-up time (half load)	14 min.	19 min.	15 min.	16 min.
Output wave shape	Quasi sinewave	Quasi sinewave	Quasi sinewave	Quasi sinewave
Receptacle on battery	4	4	4	4
Receptacle (surge protection only)	3	-	-	-
Powershare receptacle	-	3	3	3
Surge suppression (joules)	185	185	185	185
Input circuit breaker	15 amps	15 amps	15 amps	15 amps
Communication ports	USB or Serial	USB or Serial	USB or Serial	USB
Data-line protection	RJ45 network protection	RJ45 network protection	RJ45 network protection	RJ45 network protection
Input Plug	NEMA 5-15 right angle plug, rotates 360°, 6 foot cord			
<b>Batteries</b>				
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Life expectancy (smart battery management)	5 years	5 years	5 years	5 years
Recharge time	8 hours	8 hours	8 hours	8 hours
Deep discharge protection	4 hrs. max runtime	4 hrs. max runtime	4 hrs. max runtime	4 hrs. max runtime
<b>Physical Specifications</b>				
Size (WxHxD in.) / Weight (lbs.)	12 x 12 x 3.2 / 15	13 x 13 x 5 / 21	13 x 13 x 5 / 21	13 x 13 x 5 / 26
Stand alone and Rack-mountable	Yes	Yes	Yes	Yes
Flat position (under the monitor)	Yes	No	No	No
<b>Pulsar <i>ellipse premium</i></b>				
<b>Design Standards / Warranty</b>				
Safety	UL, cUL, FCC			
Operation temperature	0-35C / 32-96F			
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Noise (dBA)	40			
Warranty (US & Canada)	2 years, parts & labor			
Pure Power Promise	\$35 000			
Environmental	Recyclable components, packaging & documentation, recycled materials, used battery recovery			

\*User Adjustable

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