



# UPS Pulsar Evolution

500/800/1100/1500/2200/3000 VA

High density protection for network devices

### Powerful and extremely compact

Line-Interactive High Frequency technology, combined with the most compact design on the market (1U or 2U space in the rack), means that the Pulsar Evolution is the ideal high density protection unit for environments in which space is at a premium.



### Highly flexible installation

The Pulsar Evolution units are designed for use in many different installation conditions.



**Pulsar Evolution 500**  
Rack-mounted, stackable, can be installed as a tower or mounted on the wall.



**Pulsar Evolution Tower 800/1100/1500**  
Vertical or desktop format.



**Pulsar Evolution Rack 800/1100/1500**  
Rack-mounted or stackable.



**Pulsar Evolution Rack/Tower 2200/3000**  
All-in-one convertible 2U Tower/Rack model.

Protection for 1 to 5 servers, ideal for:

- ▶ network devices
- ▶ rack-mounted servers
- ▶ conventional rack-mounted or tower servers
- ▶ network storage systems



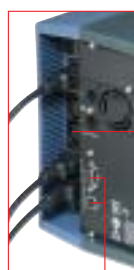
With its extremely compact size, the Pulsar Evolution is the ideal solution for making the best use of the available space.



Thanks to its many installation options, the Pulsar Evolution is easily integrated into any environment: offices, point-of-sale terminals, 19" racks, etc.

### Can be controlled locally or remotely

- ▶ Pulsar Evolution models are equipped with one USB port and one Serial port, ensuring that they remain compatible with current and future types of equipment.
- ▶ With the Solution-Pac software suite, the UPS can be monitored in SNMP or via the Web.
- ▶ Pulsar Evolution models are equipped with 2 or 4 programmable sockets for remote restarts of the applications or for controlling battery discharge times which vary according to the level of criticality.



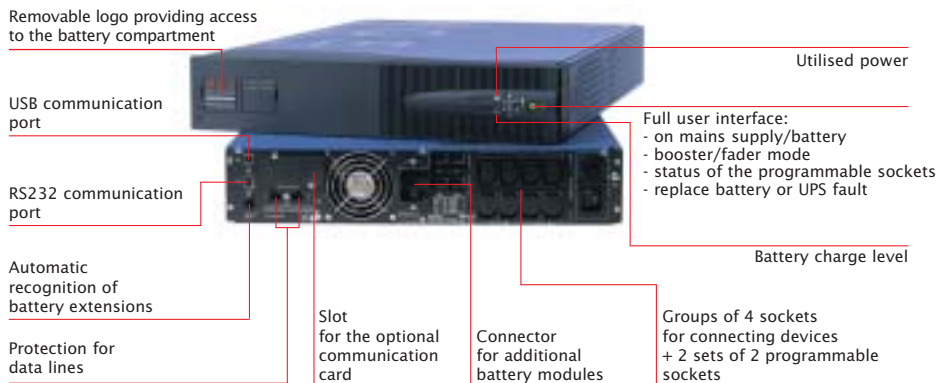
2 or 4 programmable sockets

USB or Serial port

THE UNINTERRUPTIBLE POWER PROVIDER

**MGE**  
UPS SYSTEMS

## Pulsar Evolution 3000



### Technical characteristics

Pulsar Evolution	500	800	1100	1500	2200	3000/3000XL
Power output, VA/W	500/350	800/560	1100/700	1500/1000	2200/1540	3000/2000
Technology	Line-Interactive High Frequency					
<b>Utilisation</b>						
Number of IEC 320 sockets	4	4	4	4	8	8
Including Powershare sockets	2	2	2	2	2 x 2	2 x 2
Long battery discharge times (EXB enclosures)	-	-	-	-	From 1 to 3 EXB (1 to 12 for 3000 XL)	
<b>Performances</b>						
Automatic voltage control	Booster/Fader					
Output voltage form	Sinusoidal					
Input voltage range	160 V/294 V, adjustable to 150 V/294 V using the supplied UPS Driver software					
Frequency	50/60 Hz, automatic selection					
Battery output voltage	230 V (adjustable to 200/220/240 V using the UPS Driver software supplied)					
<b>Functionalities</b>						
Automatic battery test	Weekly (periodicity adjustable using the UPS Driver software supplied)					
Batteries	Replaceable on-line					
Startup	Startup without mains supply					
Battery protection	Against the effects of total discharges					
RJ45 Line Network protection	Against over-voltages					
<b>Network Supervision/Administration</b>						
Communication ports	1 USB port USB + 1 Serial port					
Software supplied	Local and SNMP agents supervision software for Windows Server 2003/XP/2000/NT/98, Linux, Netware, OpenServer, Unixware, SUN Solaris, IBM AIX, HP UX, Compaq Tru64, etc.					
Supervision	Via an Internet navigator or SNMP supervisor					
Slot for optional card	1 slot for the SNMP/Web card or status information card					
Remote information transfer	Optional UPS Control remote display					
<b>Technical standards</b>						
Safety	IEC/EN 60950, IEC/EN 50091-1-1, TÜV GS-Mark					
Electromagnetic compatibility	EN 50091-2, EN 55022/B IEC 62040-2, IEC 61000-3-2, IEC 61000-3-3					
Design, manufacture, services	ISO 9001					
Identification marking	CE, TÜV GS-Mark					
<b>Dimensions (H x L x D, in mm) / weights (kg)</b>						
Dimensions of the Tower	-	237 x 150 x 415	237 x 150 x 483	-	-	-
Dimensions of the Rack	44 (1U) x 438 x 353	44 (1U) x 438 x 499	44 (1U) x 438 x 522	88 (2U) x 438 x 640	-	-
Weight of the Tower/Rack	- /9	10.5/15.5	11.5/16	15/19	33.9	36.5 (XL: 20.8)
Weight of the EXB	-	-	-	-	-	41.9

### Commercial models

Pulsar Evolution	500	800	1100	1500	2200	3000/3000XL
Tower	-	66 226	66 228	66 230	-	-
Rack	-	66 227	66 229	66 231	-	-
Convertible Tower/Rack	66 225	-	-	-	66 232	66 233/66 234
EXB models	-	-	-	-	-	66 235

### Associated communication

#### Solution-Pac software suite on CD

To control the protected servers (clean shutdown) and for local or remote supervision of the UPS.

#### Management-Pac 2 software suite on CD

NMS integration kit: HP Openview, IBM Tivoli Netview, CA Unicenter, etc.

#### SNMP/Web network card

To connect the UPS to the Ethernet 10/100 network, to relay SNMP warnings and to supervise the UPS via a single Web interface.

#### Environment Sensor for the SNMP/Web card

SNMP and Web monitoring of Temperature & Humidity & the status of 2 contacts.

#### Status information card

To relay the status of the UPS in the form of free potential contacts plus emergency stop.

### MGE PowerServices™

#### 2-year warranty, including batteries.

Standard exchange of the product, including the batteries, if they prove to be defective.

#### Associated service <sup>(1)</sup>

- ▶ Warranty+: peace of mind for your UPS, extended 3-year warranty with standard on-site exchange with the minimum of delay.

1: Depending on the country, visit [www.mgeups.com/services](http://www.mgeups.com/services).