



Networks



Process



UPS **Pulsar EXTreme C**

700/1000/1500/2200/3200 VA

On-line double conversion UPSs as tower or rack-optimised form factor

Extreme protection

- ▶ ON-LINE Double Conversion technology, compatible with all applications and environments.
- ▶ Permanent voltage and frequency regulation, transfer time 0 ms.
- ▶ Generator set compatible.

High availability

- ▶ Wide input voltage tolerance : batteries are used only for major utility problems.
- ▶ Automatic by-pass system in case of overload or internal malfunction.
- ▶ Hot-swappable batteries.
- ▶ Redundancy through optional Source Transfer Switch (Pulsar STS).

Network Integration

- ▶ SNMP + Web monitoring.
- ▶ NMS integration : HP OpenView, IBM Tivoli Netview, CA Unicenter...
- ▶ Multiple server shutdown (Solution-Pac software suite supplied as standard).
- ▶ Remote reboot of locked equipment through individually switchable outlets (Powershare™).



High Density

- ▶ 2U form factor up to 3 kVA.
- ▶ Optional EXB Battery extension cabinets in 2U.

Solutions for long runtime

- ▶ Up to 1kVA 6 hours or 2kVA 3 hours with the addition of 1 to 4 EXB battery cabinets.
- ▶ Increased runtime for critical applications : load shedding on programmable outlets (Powershare™).
- ▶ 1500 CLA version with Super Charger.



Rack 2U/Tower versatile (2200C/3200C).

Easy integration

- ▶ Available in convenient form factors : Mini-Tower or 2U Rack or Versatile 2U Rack/Tower.
- ▶ Comprehensive rack-mounting kit included with Rack and Versatile models.
- ▶ Software suite included (for Windows, Linux, Solaris, HP-UX, AIX, MacOS, Netware).
- ▶ Connection accessories (optional 1U/0U rack-mountable Pulsar PDUs).



Web-based monitoring.



Tower and 2U Rack (700/1000/1500C).

High-end power protection ideal for

- ▶ Servers, whether rack-mounted or standing
- ▶ Networking & VOIP
- ▶ Storage
- ▶ Telecom equipment
- ▶ Medical equipment
- ▶ Sensitive electronic equipment in industrial environment



Easy integration in high-density enclosures.



Ideal for infrastructures requiring service continuity.

THE UNINTERRUPTIBLE POWER PROVIDER

MGE

UPS SYSTEMS



Comprehensive user interface

- ▶ Operation mode : on line, on by-pass, on battery
- ▶ Power consumption
- ▶ Battery charge
- ▶ Status of Powershare™ switchable outlets
- ▶ Replace battery indicator and UPS fault

Hot swappable batteries

1 USB port + 1 Serial port

Connector for EXB battery extension

EXB auto-recognition

6 x IEC 10A outlets including 2 switchable Powershare outlets
On 3200C : 4xIEC 10 A + 1xIEC 16 A

Slot for power management card



MGE PowerServices™

2 year warranty, including batteries
Standard exchange of the UPS in case of internal malfunction.

Service range⁽¹⁾ :

Warranty + : warranty extension up to 3 years. Start Up + : On-site UPS commissioning. Warranty + Silver includes Warranty + and Start Up +. Warranty + Gold includes Warranty +, Start Up + and 3 maintenance visits. Teleservice.

1 : Dependant on country, consult www.mgeups.com/services.

Power management

Solution-Pac software suite on CD, included with all UPSs

For server protection and local or remote UPS management.

Options :

Network management card

For Ethernet 10/100 network connection, SNMP alerts and Web-based monitoring.

Environment Sensor for SNMP/Web card

SNMP and Web monitoring of Temperature + Humidity + status of 2 contacts.

Management-Pac 2 software suite on CD

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

Status information card

For UPS monitoring through voltage-free contacts + remote power-off function.

UPS Control LCD display

Remote display (up to 25m) of UPS interface and measurements.

Specifications

	700C	1000C	1500C	2200C	3200C
Performances					
Power rating	700 VA/490 W	1000 VA/700 W	1500 VA/1050 W	2200 VA/1540 W	3200 VA/2080 W
Technology	On-Line double conversion with automatic by-pass				
Input voltage window	120/140/160 V* to 276 V			120/140/160 V* to 284 V	
Input frequency	50/60 Hz, auto-select, input frequency 40-70 Hz, frequency converter				
Output Voltage / Frequency	230V, adjustable to 200/208/220/230/240 V, 50/60 Hz +/-0,5 %				
Overload capacity	110% : continuous, 130% : 12 s then on by-pass, >130% : 1.5 s then on by-pass				
Battery test	Automatic battery test once a week (adjustable through UPS-Driver software supplied)				
Battery management	EXB auto recognition, automatic runtime adjustment, protection against deep discharge				
Typical runtime at 50% / 70% of rated power					
Pulsar EXtreme C	14 mn / 10 mn	18 mn / 11 mn	14 mn / 10 mn	17 mn / 12 mn	15 mn / 10 mn
Pulsar EXtreme C + 1 EXB	-	60 mn / 40 mn	80 mn / 50 mn	85 mn / 60 mn	60 mn / 40 mn
Pulsar EXtreme C + 4 EXB	-	170 mn / 110 mn	210 mn / 135 mn	285 mn / 200 mn	190 mn / 130 mn
Input / output connection					
Input	IEC C14 (10A)				IEC C20 (16A)
Output	6 IEC C13 (10A)				1 IEC C19 (16 A) 4 IEC C13 (10 A)
Including Powershare outlets	2 IEC C13 individually switchable outlets (remote ON/OFF, load shedding, sequential start-up)				
Power management					
Standard port	1 USB port + 1 Serial port				
Available slot	1 slot for SNMP/Web Minislot card (Ref 66244) or status information card (Ref 66246)				
Remote Power Off	option with status information card ref 66246			Standard	
Dimensions (H x W x D in mm) / Weight (in kg)					
Tower UPS or EXB	235,5x145x400		235,5x145x505		UPS : 86,5 (2U) x 438 (19") x 654,2
Rack UPS or EXB	88 (2U) x 482,6 (19") x 430		88(2U)x482,6 (19")x493		EXB : 87,9 (2U) x 438 (19") x 632
UPS weight Tower / Rack	10 kg / -	12 kg / 16 kg	15 kg / 20 kg	35 kg	36 kg
EXB weight Tower / Rack	- / -	15 kg / 21 kg	21 kg / 27,5 kg	42 kg	42 kg
Standards					
Approvals	CE / TÜV-GS Mark / CB Report / UL 1778, cUL				
Performance and safety	IEC/EN 62040-1-1, EN 60 950-1 (RD), IEC/EN 62 040-3				
EMC	EN 50091-2, IEC 62040-2 class B (even with EXB battery extensions)				

* for 33 / 66 / 100% load

Part numbers

Model	700C		1000C		1500C		2200C	3200C
Form factor	Tower	Rack 2U	Tower	Rack 2U	Tower	Rack 2U	Rack/Tower Versatile	
UPS	66345	-	66346	66352	66347	66353	66375	66376
EXB battery extension	-	-	66349	66355	66350	66356	66377	
UPS 1500 CLA without batteries with Super Charger					66359	66358	-	-
Isolation transformer for EXtreme 700/1000/1500C					66357		-	-

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