

Combined UPS/lightning arrester/ multiple socket device

Protection Center

420/500/675 VA

An innovative solution offering total protection for home computers and digital leisure devices

Connect every item of equipment and protect them against breakdown and current fluctuations...

Only the Protection Center can do this, the first 3-in-1 product offering, in a single device:

- ▶ 8 standard socket outlets
- ▶ a high performance lightning arrester
- ▶ a UPS with 30 minutes' battery back-up time for a typical PC.



One model suitable for any type of application

3 versions (420 VA/250 W, 500 VA/300 W or 675 VA/400 W back-up power), for protecting the basic PC, the family multimedia computer and its peripherals or a 'beefed-up' graphics configuration.

On each version:

- ▶ data line protection to ensure that the Internet modem link, including ADSL, is protected against voltage surges.

The Protection Center guarantees total peace of mind for the user

- ▶ Lightning arrester certified compatible with IEC Standard 61643-1 and lightning arrester status indicator
- ▶ No-limit warranty for the connected computer equipment (EU countries and Norway)
- ▶ Periodic test and battery replacement indicator.

Ideal protection for:

- ▶ home computing,
- ▶ digital leisure equipment.



Simply plug in and it's protected!



8 standard outlets FR or DIN

UNI



M G E

Office Protection Systems

Combined UPS/lightning arrester/multiple socket device - Protection Center

- 1 High frequency UPS
- 2 Protection by lightning arrester with warning lamp
- 3 8 well-spaced outlets, compatible with local standards
- 4 **a.** 4 outlets with lightning arrester
b. 4 outlets with lightning arrester and back-up power
- 5 Easily replaceable batteries
- 6 Reset button (circuit breaker)
- 7 Brackets for wall mounting
- 8 Line protection for telephone/Internet ADSL
- 9 USB port (500 & 675) with Windows/Linux/Mac software
- 10 Indicator for mains/battery operation, overload, fault + mutable audible alarms



Technical characteristics

Protection Center	420	500 USB	675 USB
Technology	High frequency UPS with integral lightning arrester		
Application			
Format	8 sockets outlets, with integral wall mounting system		
Socket outlets	8 standard French or DIN outlets (4 with back-up power and 4 with lightning arrester)		
Performance details			
Available power output on 4 outlets with back-up power	420 VA / 250 W	500 VA / 300 W	675 VA / 400 W
Total available power output on 8 outlets	10 A - 2300VA		
Output voltage and frequency	230 V - 50 / 60 Hz, auto-selection		
Input voltage range	Up to 160V-284V, adjustable by pushbutton switch		
Protection	Protection which can be reset by the user (circuit breaker)		
Batteries			
Type of batteries	Replaceable sealed lead-acid batteries		
Battery monitoring	Automatic battery test, battery replacement indicator, protection against intense discharges (4-hour limit)		
Operation with batteries only	Can be started without the mains supply (mobile power source), continuous battery recharging as soon as the device is connected (even in the OFF position)		
Typical application	1 basic computer	1 multimedia computer + peripherals	1 fully-equipped computer high graphics power
Endurance with typical application	30 minutes	30 minutes	30 minutes
Functionalities			
User interface	Operation with mains/battery power, status of the lightning arrester, overload, battery replacement, fault, mutable audible alarms		
Lightning arrester	Complete common and differential mode protection - 3 MOV - Total power dissipation: 525 Joules, Certified compatible with lightning arrester standard IEC 61643-1		
Performance on 8/20 wave	Uoc (Common mode/Differential mode) = 6 kV/2 kV - Up (Common mode/Differential mode) = 2 kV/1,2 kV In = 2,5 kA, I max = 8 kA		
Data line protection	Protection for telephone/fax/modem/Internet ADSL line + Ethernet 10/100 Mb network		
Communication	/	USB port	USB port
Software supplied	Personal Solution-Pac Windows / Mac / Linux on CD for power management and system security		
Installation	Only on outlet with earth return		
Warranty	2 years; option: Warranty+ contract, 3-year warranty (depending on the country); Warranty for the connected computing equipment for an unlimited sum (EU countries)		
Standards			
Standards	IEC 60 950-1, IEC 62040-1-1, EN50 091/CFR Part 15, IEC 61643-1, CE logo		
Quality and environment	Designed and assembled in France to ISO 9001 quality assurance system, Factory certified to ISO14001 (environment)		
Dimensions			
Dimensions	360 x 95 x 173 mm (Length x Height x Depth)		
Weight	4,3 kg	4,3 kg	4,4 kg
References			
Versions with French outlets	66871	66873	66875
Versions with DIN outlets	66872	66874	66876
Versions with UNI outlets	66877	66878	66879

Associated communication

On the 500 USB and 675 USB versions, Personal Solution-Pac software supplied on CD, compatible with Windows XP/2000/Me/98/95/Mac/Linux:

Power management

Consumption, battery status, back-up time, etc.

Automatic system shutdown

Shutdown or hibernation, preventing loss of data or system errors

Alarm notification

in the event of an electrical problem

Events log



MGE PowerServices™

2-year warranty, including batteries

Standard exchange of the product, including the battery, if it proves to be defective.

Associated service⁽¹⁾

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

1 : Depending on the country, go to www.mgeups.com/services.



MGE Office Protection Systems

Headquarters
140, avenue Jean-Kuntzmann
Inovalée - Montbonnot Saint-Martin
38334 Saint-Ismier Cedex - France
Tel.: +33 (0)4 76 18 30 00
PROCT492UK-04/07

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