

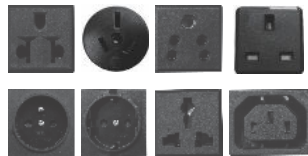


Features

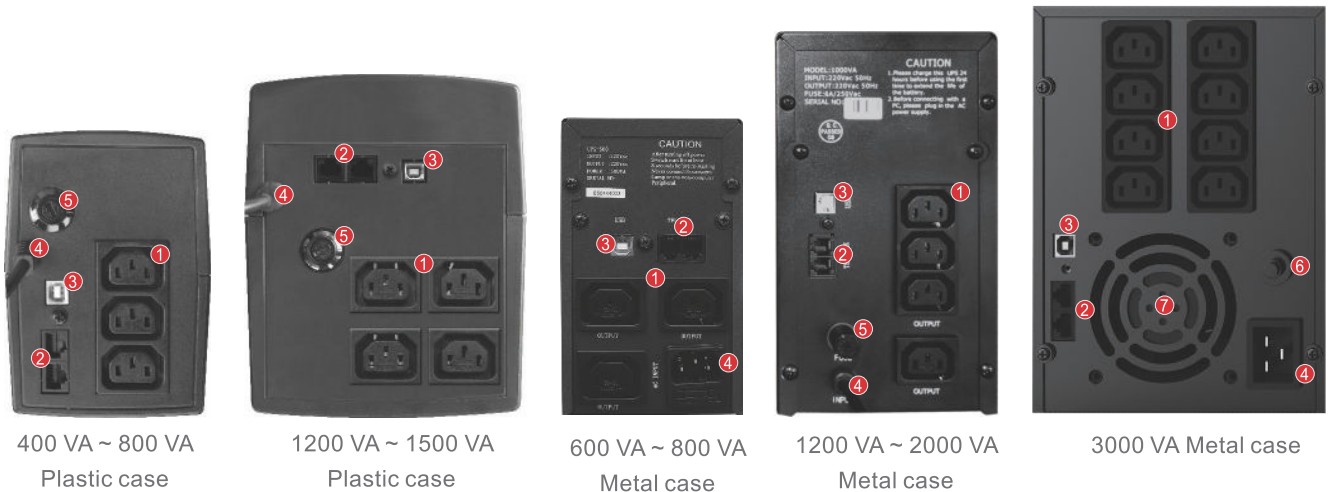
- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional RS232 / USB communication port and RJ11 / RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-On / Off by RS232 or USB interface communicating with PC

Rear Panel

1. Output Outlets (selectable)
2. TEL/Modem/Fax surge protection (optional)
3. USB (optional)
4. AC Input
5. Fuse
6. AC Breaker
7. Fan



Optional outlets



Specifications

CMU-SP2000EURO USB

UPS Model	CMU-SP2000EURO USB
Type	Line Interactive
Capacity	2000 VA/1200 W
Purpose of the UPS	Protect your PC or other peripherals from mains interference
Input voltage	220/230/240V
Input voltage range	(140 ~ 290V) $\pm 5V$
AC input frequency	(50/60 Hz) $\pm 1Hz$
Output voltage range (with mains supply)	220/230V $\pm 10\%$
Frequency of output AC (powered by input mains)	(50/60 Hz) $\pm 1Hz$
Output voltage range (battery power)	220/230V $\pm 5\%$ (Square wave)
AC output frequency (battery power)	(50/60 Hz) $\pm 1Hz$ (Frequency automatically adjusted)
Transfer time	2-4 m/s
Protection of the local network and telephone line	Port RJ-11/45 x 1
Monitor and control UPS from PC	USB port
Output sockets	4 pcs. x EURO with backup supply and filtering + 1 x IEC320 C13 Bypass
Battery type	Lead acid, sealed, maintenance free
Battery voltage and capacity	12 V 9 AH x 2 pcs.
Estimated battery life time at 50% load	6,20 min*
Estimated battery life time at 100% load	1,30 min*
Battery protection	Automatic protection. The UPS will automatically shut down when the battery is low.
Battery charge time	About 8 hours
Short circuit protection	Automatic protection. The output power will automatically shut off, the speaker will begin to squeak continuously.
Overload protection	110% <percent load \leq 120%, frequent beep> 120%, the output power will automatically shut off, the speaker will begin to squeak continuously.
LED indication	LED (green diode - power from the input network, yellow diode - work in battery mode, red diode - overload or fault)
Sound alarm	Standby mode - a rare beep (1 time in 5 seconds, then repeat every 60 seconds); low charge - frequent beep (last 16 seconds); overload - a very private beep (every 2 seconds);
Power cord	Removable cable with EURO plug (length 1.8m)
UPS case material	Metal
Operating temperature range	0°C~ 40°C
Storage temperature	-15°C~ 45°C
Relative humidity	0% ~ 90% (in the absence of condensate)
Noise level	$\leq 35dB$ (at a distance of 1 m from the UPS)
Dimensions of UPS D x W x H (mm)	125x380x225
Weight, (kg)	12.8