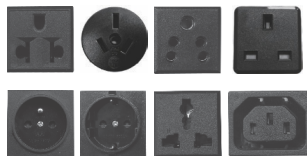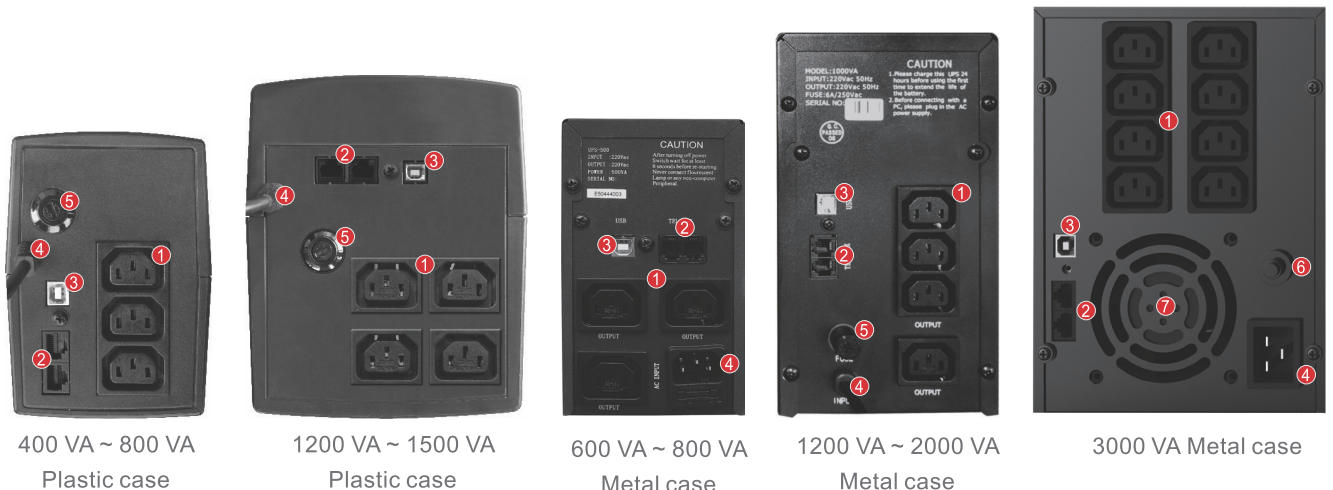# CROWN MICRO

Carry On

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

| 400 VA ~ 800 VA Plastic case | 1200 VA ~ 1500 VA Plastic case | 600 VA ~ 800 VA Metal case | 1200 VA ~ 2000 VA Metal case | 3000 VA Metal case |

CROWN MICRO

Carry On

Specifications

CMU-500X IEC

UPS Model	CMU-500X IEC
Type	Line Interactive
Capacity	500 VA/300 W
Purpose of the UPS	Protect your PC or other peripherals from mains interference
Input voltage	220/230/240V
Input voltage range	(145 ~ 295V) ±5V
AC input frequency	(50/60 Hz) ±1Hz
Output voltage range (with mains supply)	220/230V ±10%
Frequency of output AC (powered by input mains)	(50/60 Hz) ±1Hz
Output voltage range (battery power)	220/230V ±5% (Square wave)
AC output frequency (battery power)	(50/60 Hz) ±1Hz (Frequency automatically adjusted)
Transfer time	2-4 m/s
Protection of the local network and telephone line	No
Monitor and control UPS from PC	No
Output sockets	4 pcs. x IEC320 C13 with backup supply and filtering
Battery type	Lead acid, sealed, maintenance free
Battery voltage and capacity	12 V 4.5 AH x 1 pcs.
Estimated battery life time at 50% load	4,50 min*
Estimated battery life time at 100% load	1,40 min*
Battery protection	Automatic protection. The UPS will automatically shut down when the battery is low.
Battery charge time	About 4 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 ≤ 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	Built-in with EURO plug (length 1.5 m)
UPS case material	Plastic
Operating temperature range	0℃~ 40℃
Storage temperature	-15℃~ 45℃
Relative humidity	0% ~ 90% (in the absence of condensate)
Noise level	≤35dB (at a distance of 1 m from the UPS)
Dimensions of UPS D ×W ×H (mm)	100×280×140
Weight, (kg)	3,6

Specifications

CMU-1000X

UPS Model	CMU-1000X
Type	Line Interactive
Capacity	1000 VA/700 W
Purpose of the UPS	Protect your PC or other peripherals from mains interference
Input voltage	220/230/240V
Input voltage range	(145 ~ 295V) ±5V
AC input frequency	(50/60 Hz) ±1Hz
Output voltage range (with mains supply)	220/230V ±10%
Frequency of output AC (powered by input mains)	(50/60 Hz) ±1Hz
Output voltage range (battery power)	220/230V ±5% (S quare wave)
AC output frequency (battery power)	(50/60 Hz) ±1Hz (Frequency automatically adjusted)
Transfer time	2-4 m/s
Protection of the local network and telephone line	No
Monitor and control UPS from PC	No
Output sockets	3 pcs. x EURO with backup supply and filtering
Battery type	Lead acid, sealed, maintenance free
Battery voltage and capacity	12 V 7 AH x 2 pcs.
Estimated battery life time at 50% load	7,30 min*
Estimated battery life time at 100% load	2,30 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 ≤ 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	Built-in with EURO plug (length 1.5 m)
UPS case material	Plastic
Operating temperature range	0℃~ 40℃
Storage temperature	-15℃~ 45℃
Relative humidity	0% ~ 90% (in the absence of condensate)
Noise level	≤35dB (at a distance of 1 m from the UPS)
Dimensions of UPS D ×W ×H (mm)	140x345x170
Weight, (kg)	8,5

Specifications

CMU-SP1200EURO USB

UPS Model	CMU-SP1200EURO USB
Type	Line Interactive
Capacity	1200 VA/720 W
Purpose of the UPS	Protect your PC or other peripherals from mains interference
Input voltage	220/230/240V
Input voltage range	(140 ~ 290V) ±5V
AC input frequency	(50/60 Hz) ±1 Hz
Output voltage range (with mains supply)	220/230V ±10%
Frequency of output AC (powered by input mains)	(50/60 Hz) ±1Hz
Output voltage range (battery power)	220/230V ±5% (Square wave)
AC output frequency (battery power)	(50/60 Hz) ±1Hz (Frequen cy 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	16,30 min*
Estimated battery life time at 100% load	2,50 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 ≤ 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 with EURO plug (length 1.8 m)
Operating temperature range	0℃~ 40℃
Storage temperature	-15℃~ 45℃
Relative humidity	0% ~ 90% (in the absence of condensate)
Noise level	≤35dB (at a distance of 1 m from the UPS)
Dimensions of UPS D ×W ×H (mm)	125x320x225
Weight, (kg)	10,2

CMU-SP1200IEC USB

UPS Model	CMU-SP1200IEC USB
Type	Line Interactive
Capacity	1200 VA/720 W
Purpose of the UPS	Protect your PC or other peripherals from mains interference
Input voltage	220/230/240V
Input voltage range	(140 ~ 290V) ±5V
AC input frequency	(50/60 Hz) ±1Hz
Output voltage range (with mains supply)	220/230V ±10%
Frequency of output AC (powered by input mains)	(50/60 Hz) ±1Hz
Output voltage range (battery power)	220/230V ±5% (Square wave)
AC output frequency (battery power)	(50/60 Hz) ±1Hz (Frequency automatically adjusted)
Transfer time	2-4 m/s
Protection of the local network and telephone line	RJ-11/45 port
Monitor and control UPS from PC	USB port
Output sockets	8 pcs. x IEC320 C13 with backup supply and filtering + 1 x IEC-320 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	16,30 min*
Estimated battery life time at 100% load	2,50 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 ≤ 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 with EURO plug (length 1.8 m)
Operating temperature range	0°C~ 40°C
Storage temperature	-15°C~ 45°C
Relative humidity	0% ~ 90% (in the absence of condensate)
Noise level	≤35dB (at a distance of 1 m from the UPS)
Dimensions of UPS D ×W ×H (mm)	125x320x225
Weight, (kg)	10.2

CMU-SP2000EURO USB

Specifications

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) ±5V
AC input frequency	(50/60 Hz) ±1Hz
Output voltage range (with mains supply)	220/230V ±10%
Frequency of output AC (powered by input mains)	(50/60 Hz) ±1Hz
Output voltage range (battery power)	220/230V ±5% (Square wave)
AC output frequency (battery power)	(50/60 Hz) ±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 ≤ 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	≤35dB (at a distance of 1 m from the UPS)
Dimensions of UPS D ×W ×H (mm)	125×380×225
Weight, (kg)	12.8