

CyberPower

CP1500PFCRM2U

PFC SINEWAVE UPS SYSTEMS



Protect security systems, audio/visual equipment, and networking devices

The CP1500PFCRM2U is a PFC Sinewave rackmount UPS that provides battery backup (using sine wave output), surge protection, and EMI/RFI filtration for security systems, audio/visual equipment, and networking equipment requiring active PFC power source compatibility.

The CP1500PFCRM2U features Automatic Voltage Regulation (AVR), which corrects minor power fluctuations without switching to battery power, and a multifunction control panel with a color LCD to quickly confirm status and alerts at-a-glance. Remote management and/or monitoring is available with optional purchase of a Remote Network Management Card or Cloud Monitoring Card. At only 10.5 inches in depth, the CP1500PFCRM2U fits comfortably in short-depth rack installations where space is at a premium.

The CP1500PFCRM2U comes with a three-year warranty (including coverage of batteries) and a \$500,000 Connected Equipment Guarantee.

TYPICAL APPLICATIONS

- Surveillance & Security Systems
- Pro Audio Equipment
- POS Systems
- Network and Storage Devices

FEATURES

- Capacity: 1500VA / 1000W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 120Vac $\pm$ 5%
- Runtime (half/full): 10.2 minutes / 3.1 minutes
- Plug type & cord: NEMA 5-15P, 6-ft. cord
- Outlets: 8 surge + battery backup
- Outlet types: 8 x NEMA 5-15R
- Communication: USB, SNMP
- Data line protection: Network
- Management software: PowerPanel® Business
- Remote management: Yes, with optional RMCARD205
- ENERGY STAR® certified: Yes
- Warranty: Three-Year
- Connected Equipment Guarantee: \$500,000

GENERAL

Active PFC Compatible	Yes
Energy Saving	GreenPower UPS™ Bypass
ENERGY STAR® Certified	Yes
UPS Topology	Line Interactive

BATTERY

Battery Quantity	2
Battery Size	12 V / 9 Ah
Battery Type	Sealed Lead-Acid Battery
Hot-Swappable	Yes

BATTERY - CONT.

Replacement Battery Cartridge	RB1290X2D
Replacement Battery Cartridge Quantity	1
Runtime at Full Load	3.1 minutes
Runtime at Half Load	10.2 minutes
Typical Recharge Time	8 Hours
User-Replaceable Battery	Yes

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SPECIFICATIONS - CONT.

INPUT

Circuit Breaker	15 A
Cord Length (ft)	6 ft (1.8 m)
Input Frequency Range	57 Hz - 63 Hz
Input Plug Type	NEMA 5-15P
Input Voltage Range	88 VAC - 144 VAC
Nominal Input Voltage	120 VAC
Plug Style	Right Angle - 45° Offset

OUTPUT

Automatic Voltage Regulation	Single Boost
On AC Waveform	Sine Wave
On Battery Frequency	60 Hz $\pm$ 1%
On Battery Voltage	120 VAC $\pm$ 5%
On Battery Waveform	Sine Wave
Outlet Type	8 - NEMA 5-15R
Outlets - Battery & Surge Protected	8
Outlets - Total	8
Outlets - Widely Spaced	2
Output Power Factor	0.7
Overload Protection	Internal Circuitry Limiting
Typical Transfer Time	4 ms
Under/Over-Voltage Correction	+11%
VA	1,500 VA
Watts	1,000 W

SURGE PROTECTION & FILTERING

EMI/RFI Filtration	Yes
Network Protection RJ45	1-in / 1-Out (10/100/1000)
Surge Suppression (Joules)	1,500 J

MANAGEMENT & COMMUNICATIONS

Audible Alarms	Battery Mode / Low Battery Overload / Fault
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Wiring Fault
Management Cable	USB Cable
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205
Serial Port	1 Dry Contact
Software (Free Download)	PowerPanel® Business

PHYSICAL

Color	Black
Form Factor	Rackmount
Material of Construction	Plastic
Rack Height	2U

DIMENSIONS

Physical Dimensions - WxHxD (cm)	43.18 x 8.64 x 26.67 cm
Physical Dimensions - WxHxD (mm)	432 x 86 x 267 mm
Physical Dimensions - WxHxD (in.)	17 x 3.4 x 10.5 in.
Weight (kg)	12.16 kg
Weight (lb)	26.80 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - WxHxD (cm)	37.34 x 16.26 x 52.32 cm
Shipping Dimensions - WxHxD (mm)	373.38 x 162.56 x 523.24 mm
Shipping Dimensions - WxHxD (in.)	14.7 x 6.4 x 20.6 in.
Shipping Weight (kg)	13.43 kg
Shipping Weight (lbs.)	29.6 lbs.

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SPECIFICATIONS - CONT.

ENVIRONMENTAL

AC Mode Thermal Dissipation	52 BTU/hr
Operating Elevation	0 - 10,000 ft (0 - 3,048 m)
Operating Relative Humidity	0 - 95 % (non-condensing)
Operating Temperature	32 - 104 °F (0 - 40 °C)
Operating Elevation	0 - 50,000 ft (0 - 15,239 m)
Storage Temperature	5 - 113 °F (-15 - 45 °C)

CERTIFICATIONS

Environmental	RoHS Compliant
Safety	UL1778 FCC DOC Class B

WARRANTY

CEG Amount	\$500,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U2A
Product Warranty	Three-Year Limited