



# CP2000PFCRM1U PFC SINEWAVE UPS SYSTEM



## Cost-effective feature-rich power protection for networking, servers and telecommunications equipment

The CP2000PFCRM1U 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 CP2000PFCRM1U 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.

The CP2000PFCRM1U comes with a three-year warranty (including coverage of batteries) and a \$300,000 Connected Equipment Guarantee.

### TYPICAL APPLICATIONS

- Workstations
- Corporate Servers
- Automatic Voltage Regulation
- Department Servers
- Network Devices
- Telecom Installations

### FEATURES

- Capacity: 2000VA / 1200W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 120Vac +/- 5%
- Runtime (half/full): 12.6 minutes / 3.1 minutes
- Plug type & cord: NEMA L5-20P w/5-20P Adapter, 8-ft. cord
- Outlets: 5 (5 surge + battery backup)
- Outlet types: 5 x NEMA 5-20R
- Communication: USB, SNMP
- Management software: PowerPanel® Business
- Remote management: Yes, with optional RMCARD205
- ENERGY STAR® certified: Yes
- Warranty: Three-Year
- Connected Equipment Guarantee: \$300,000

## SPECIFICATIONS

GENERAL	
Energy Saving	GreenPower UPS™ Bypass Technology
ENERGY STAR® certified	Yes
UPS Topology	Line Interactive

INPUT	
Adjustable Voltage Range	91 - 144 VAC
Circuit Breaker	20 A
Cord Length	8 ft (2.4 m)
Input Frequency Range	57 Hz - 63 Hz
Input Plug Type	NEMA L5-20P (5-20P Adapter)
Input Voltage Range	88 VAC - 144 VAC
Nominal Input Voltage	120 VAC
Plug Style	Straight

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### SPECIFICATIONS - CONT.

OUTPUT	
Automatic Voltage Regulation	Single Boost
On Battery Frequency	60Hz +/- 1%
On Battery Voltage	120 VAC +/- 10%
On Battery Waveform	Sine Wave
Outlet Type	5 x NEMA 5-20R
Outlets - Battery and Surge Protected	5
Outlets - Total	5
Output Power Factor	0.6
Overload Protection	Internal Circuitry Limiting Circuit Breaker Protected
Typical Transfer Time	8 ms
VA	2000 VA
Watts	1200 W
BATTERY	
Battery Quantity	6
Battery Size	6 V / 9 Ah
Battery Type	Sealed Lead-Acid Battery
Hot-Swappable	Yes
Replacement Battery Cartridge	1 x RB0690X6A
Runtime at Full Load	3.1 minutes
Runtime at Half Load	12.6 minutes
Typical Recharge Time	8 hours
User-Replaceable Battery	Yes

SURGE PROTECTION AND FILTERING	
EMI/RFI Filtration	Yes
Surge Suppression (Joules)	1050 J
MANAGEMENT & COMMUNICATIONS	
Audible Alarms	Battery Mode Low Battery Overload Fault
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Power On / Wiring Fault
Management Cable	USB Cable
Serial Port	1 Dry Contact
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205
Software (Free Download)	PowerPanel® Business
PHYSICAL	
Color	Black
Form Factor	Rackmount
Material of Construction	Metal
Rack Height	1U

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### SPECIFICATIONS - CONT.

DIMENSIONS	
Physical Dimensions - Width/Height/Depth (cm)	43.31 x 4.39 x 55.4 cm
Physical Dimensions - Width/Height/Depth (mm)	433 x 44 x 554 mm
Physical Dimensions - Width/Height/Depth (in.)	17.05 x 1.73 x 21.81 in.
Weight (kg)	21.99 kg
Weight (lbs.)	48.49 lbs.
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	55.5 x 16.99 x 68.0 cm
Shipping Dimensions - Width/Height/Depth (mm)	554.99 x 169.93 x 679.96 mm
Shipping Dimensions - Width/Height/Depth (in.)	21.85 x 6.69 x 26.77 in.
Shipping Weight (kg)	24.49 kg
Shipping Weight (lbs.)	54.0 lbs.

ENVIRONMENTAL	
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)
Storage Elevation	0 - 50,000 ft (0 - 15,239 m)
Storage Relative Humidity	0 - 95% (non-condensing)
Storage Temperature	5 - 113 °F (-15 - 45 °C)
CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL1778 CSA C22.2 No. 107.3 FCC Class B DOE
WARRANTY	
CEG Amount	\$300,000
Connected Equipment Guarantee (CEG)	Lifetime
Extended Warranty Option	WEXT5YR-U2A
Product Warranty	3-Year Limited