CyberPower

CP700PFCRM1U SINEWAVE UPS SYSTEM

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

The CP700PFCRM1U 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 CP700PFCRM1U 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 9.04 inches in depth, the CP700PFCRM1U fits comfortably in short-depth rack installations where space is at a premium.

The CP700PFCRM1U 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: 700VA / 400W
- Topology: Line Interactive
- Waveform: Sine Wave
- Output: 120Vac +/- 5%
- Runtime (half/full): 10.5 minutes / 1.5 minutes
- Plug type & cord: NEMA 5-15P, 10-ft. cord
- Outlets: 6 (2 surge, 4 surge + battery backup)
- Outlet types: 6 × NEMA 5-15R
- Communication: USB, SNMP
- Data line protection: Network RJ45
- 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	97 - 144 VAC
Circuit Breaker	15 A
Cord Length	10 ft (3.0 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

CP700PFCRM1U
SINEWAVE UPS SYSTEM

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	6 - NEMA 5-15R
Outlets - Battery and Surge Protected	4
Outlets - Surge Only Protected	2
Outlets - Total	6
Output Power Factor	0.57
Overload Protection	Internal Circuitry Limiting Circuit Breaker Protected
Typical Transfer Time	8 ms
VA	700 VA
Watts	400 W

BATTERY	
Battery Quantity	2
Battery Size	6 V / 7 Ah
Battery Type	Sealed Lead-Acid Battery
Hot-Swappable	Yes
Replacement Battery Cartridge	1 x RB0690X2
Runtime at Full Load	1.5 minutes
Runtime at Half Load	10.5 minutes
Typical Recharge Time	8 hours
User-Replaceable Battery	Yes

SURGE PROTECTION AND FILTERING	
EMI/RFI Filtration	Yes
Network Protection RJ45	1-in / 1-Out (10/100/1000)
Surge Suppression (Joules)	1150 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

CP700PFCRM1U
SINEWAVE UPS SYSTEM

SPECIFICATIONS - CONT.

DIMENSIONS

Physical Dimensions - Width/Height/Depth (cm)	43.31 x 4.39 x 22.96 cm
Physical Dimensions - Width/Height/Depth (mm)	433 x 44 x 230 mm
Physical Dimensions - Width/Height/Depth (in.)	17.0 x 1.73 x 9.04 in.
Weight (kg)	8.3 kg
Weight (lbs.)	18.3 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - Width/Height/Depth (cm)	53.01 x 15.49 x 27.99 cm
Shipping Dimensions - Width/Height/Depth (mm)	530.1 x 154.94 x 279.91 mm
Shipping Dimensions - Width/Height/Depth (in.)	20.87 x 6.1 x 11.02 in.
Shipping Weight (kg)	9.01 kg
Shipping Weight (lbs.)	19.86 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-U1B
Product Warranty	3-Year Limited