

CyberPower Systems CyberPower CP1600EPFCLCD, Line-Interactive, 1.6 kVA, 1000 W, Pure sine, 169 V, 271 V

Backup UPS for Computer and Peripheral

Group	Power Supply
Manufacturer	CyberPower Systems
Manufacturer item no.	CP1600EPFCLCD
EAN/UPC	4711027798615



Description

CyberPower CP1600EPFCLCD with Pure Sine Wave output safeguards mid- to high-end computer systems, servers and networking hardware that use conventional and Active Power Factor Correction (PFC) power supplies. Designed with GreenPower UPS™ Technology to improve UPS operating efficiency and to minimize its energy consumption, this UPS delivers significant energy cost savings over conventional UPS systems.

The UPS provides Automatic Voltage Regulation (AVR) to maintain stable voltage for connected equipment. The product features data line protection with high-speed transmission to safeguard communication equipment against surges/spikes as well as supply 1Gbps speed to transmit data. With tiltable color LCD panel, users can monitor key power and battery information at a glance. The PowerPanel Power Management Software allows user to perform real-time monitoring and configuration.

Main features

	General
UPS topology	Line-Interactive
Output power	1000 W
Output power capacity	1.6 kVA
AC outlet types	Type F
Power plug	C14 coupler
AC outlets quantity	6 AC outlet(s)
Battery technology	Sealed Lead Acid (VRLA)
Typical backup time at full load	2.6 min
Typical backup time at half load	9.7 min
Form factor	Tower
Product colour	Black
Cable length	1.83 m
Compliance certificates	CE, RoHS

Extended details

Features

UPS topology	Line-Interactive
Output power capacity	1.6 kVA
Output power	1000 W
Waveform	Pure sine
Input operation voltage (min)	169 V
Input operation voltage (max)	271 V
Input frequency	50/60 Hz
Output operation voltage (min)	230 V
Output operation voltage (max)	230 V
Output frequency	50/60 Hz
Automatic Voltage Regulation (AVR)	Yes
Maximum current	10 A
Surge energy rating	405 J
Response time	8 ms
Heat dissipation	24 BTU/h
Power Factor Correction (PFC) type	Active
Surge protection	Yes
Power protection features	Overload
Audible alarm(s)	Yes
Audible alarm modes	Alarm when on battery, Fault, Low battery alarm, Overload alarm
Power source type	AC
Detachable power cord	Yes
Socket circuit breaker	Yes
	Design
Form factor	Tower
Product colour	Black
Cable length	1.83 m
Control type	Buttons
Display type	LCD
LED indicators	Yes
	Packaging content
Batteries included	Yes
Quick installation guide	Yes
	Ports & interfaces
AC outlet types	Type F
Power plug	C14 coupler
AC outlets quantity	6 AC outlet(s)

USB port	Yes
USB 2.0 ports quantity	2
USB port type	USB Type A/USB Type-C
Serial interface	Yes
Serial ports quantity	1
Ethernet LAN (RJ-45) ports	2
	Battery
Battery technology	Sealed Lead Acid (VRLA)
Number of batteries supported	1
Typical backup time at full load	2.6 min
Typical backup time at half load	9.7 min
Battery recharge time	8 h
Replacement battery cartridge	RBP0142
	Operational conditions
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-15 - 45 °C
Operating relative humidity (H-H)	0 - 95 %
Storage relative humidity (H-H)	0 - 95 %
Operating altitude	0 - 3000 m
Non-operating altitude	0 - 15000 m
	Weight & dimensions
Width	100 mm
Depth	355 mm
Height	280 mm
Weight	11 kg
	Certificates
Compliance certificates	CE, RoHS
	Logistics data
Harmonized System (HS) code	8504408590
Country of origin	China
	Other features
Nominal output voltage	230 V
Nominal input voltage	220-240 V
Overload protection	Yes
	Packaging data
Package width	195 mm
Package depth	466 mm

Package height	370 mm
Package weight	13 kg
Sustainability	
Sustainability compliance	Yes