

CyberPower

CPS1500AVR SMART APP UPS SERIES

Protect SOHO networks,
desktop computers,
workstations, and peripherals

A rack/tower UPS with line interactive topology, the CyberPower Smart App CPS1500AVR provides battery backup (using simulated sine wave output) and surge protection for department servers, workgroup servers, workstations, network devices, and telecom installations without active PFC power supplies. The CPS1500AVR uses Automatic Voltage Regulation (AVR) to correct minor power fluctuations without switching to battery power, which extends battery life. AVR is essential in areas where power fluctuations occur frequently. The CPS1500AVR comes with a three-year warranty and a \$300,000 Connected Equipment Guarantee.



TYPICAL APPLICATIONS

- Department Servers
- Workgroup Servers
- Workstations
- Network Devices
- Telecom Installations

FEATURES

- Capacity: 1500 VA / 900 W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120Vac \pm 10%
- Runtime (half/full): 18 minutes / 7 minutes
- Plug type & cord: NEMA 5-15P, 10 ft. cord
- Outlets: 8 surge + battery backup
- Outlet types: 8 NEMA 5-15R
- Communications: USB, Serial, RMCARD (optional)
- Data line protection: Telephone, Network
- Warranty: 3 year
- Connected Equipment Guarantee: \$300,000

SPECIFICATIONS

GENERAL

UPS Topology	Line Interactive
Energy Saving	GreenPower UPS™ Bypass

INPUT

Voltage	Nominal 120V
Input voltage range	90Vac - 140Vac
Frequency	47-63 Hz
Plug Type	NEMA 5-15P
Plug Style	Right Angle, 45° Offset Right
Cord Length	10 ft

OUTPUT

VA	1500
Watts	900
Automatic Voltage Regulation	Yes - Single Boost (11.5%)
On Battery Voltage	120Vac \pm 10%
On Battery Frequency	50/60Hz \pm 1%
On Battery Waveform	Simulated Sine Wave
Outlet Type	NEMA 5-15R
Outlets - Total	8
Outlets - Battery & Surge Protected	8
Overload Protection	Internal circuitry limiting / circuit breaker
Transfer Time	4 ms

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SPECIFICATIONS CONT.

BATTERY

Runtime at Half Load	18 min
Runtime at Full Load	7 min
Battery Voltage	12V
Battery Capacity	7Ah
User Replaceable	Yes
Hot Swappable	Yes
Typical Recharge Time	8 hours
Replacement Battery	RB1270X4F
Battery Quantity	4

PROTECTIONS

Surge Suppression	1,840 J
EMI/RFI Filtering	Yes
RJ11/RJ45	1-In, 1-Out (Combo 10/100)
Coax Protection	1-In, 1-Out

MANAGEMENT & COMMUNICATIONS

LCD Interface	No
HID Compliant USB Port	Yes
Serial Port	Yes (2x) (Dry Contact)
LED Indicators	Load Level, Battery Level, Power On, On line, Using Battery, Replace Battery, AVR, Mute, Overload, Fault, Wiring Fault
Audible Alarms	On Battery, Low Battery, Overload, Battery Missing, Fault
Software (Free Download)	PowerPanel Business Edition
SNMP / HTTP Remote Monitoring	Yes, with optional RMCARD205

PHYSICAL

Form Factor	Rackmount
Dimensions (WxHxD) (inch)	17.25 × 3.5 × 15.75
Weight (lb)	50.5

ENVIRONMENTAL

Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C
Operating Relative Humidity	0% - 90% (non-condensing)
Operating Elevation	10,000 ft / 3,000 m
Storage Temperature	5°F to 113°F / -15°C to 45 °C
Storage Relative Humidity	0% - 95% non condensing
Storage Elevation	50,000 ft / 15,000 m

CERTIFICATIONS

Safety	UL1778, cUL 107.1, FCC CI B
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WARRANTY

Product Warranty	3 Years Limited
Connected Equipment Guarantee	Lifetime
CEG Amount	\$300,000