CyberPower

CST1500S BATTERY BACKUP

Battery backup and surge protection against power surges and interruptions.

A mini-tower UPS with line interactive topology, the CyberPower CST1500S provides battery backup (using sine wave output) and surge protection for desktop computers, workstations, networking devices, and home entertainment systems requiring active PFC power source compatibility. The CST1500S 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.

Two Type-A USB charge ports power portable devices such as mobile phones and tablets, even during a utility power failure. The CST1500S comes with a three-year warranty (including coverage of batteries) and a $500,000 Connected Equipment Guarantee.

TYPICAL APPLICATIONS
- Desktop Computers
- Home Networking
- Personal Electronics
- VoIP Phone Systems

FEATURES
- 1500 VA / 900 W
- Line Interactive Topology
- Sine Wave
- NEMA 5-15P plug, 5 ft. cord
- 10 Outlets
  (5 surge, 5 surge + battery backup)
- USB, Serial ports
- Network, Coaxial Protection
- PowerPanel® Personal Software
- ENERGY STAR® certified
- $500,000 CEG
- 3-year Warranty

SPECIFICATIONS

GENERAL	
UPS Topology	Line Interactive
Energy Star Certified	Yes
Energy Saving	GreenPower UPS™ Bypass
Active PFC Compatible	Yes
INPUT	
Cord Length (ft)	5
Input Frequency	60Hz ± 3Hz
Input Voltage Range	90-140Vac
Nominal Input Voltage	120Vac
Plug Type	NEMA 5-15P
Plug Style	Right Angle, 45 Degree Offset Right

OUTPUT	
Voltage	96Vac - 140Vac
Frequency	47Hz - 63Hz
Plug Type	NEMA 5-15P
Overload Protection	Internal Circuitry Limiting, Circuit Breaker
Outlets - Widely Spaced	2
Watts	900
On Battery Frequency	60Hz ± 1%
Outlet Type	NEMA 5-15R
Outlets - Battery & Surge Protected	5
Outlets - Surge-Only Protected	5
Transfer Time	4ms

SPECIFICATIONS - CONT.

OUTPUT - CONT.

Automatic Voltage Regulation	Single Boost
USB Charge Ports	2 x Type A @ 2.1A (Shared)
VA	1500
On Battery Voltage	120Vac ± 5%
On Battery Waveform	Sine Wave
Outlets - Total	10

BATTERY

Battery Type	Sealed Lead-Acid
Battery Quantity	2
Typical Recharge Time	8 Hours
Runtime at Full Load (min)	3
Battery Size	12V/7Ah
User Replaceable	Yes
Replacement Battery Cartridge Quantity	RB1280X2B
Runtime at Half Load (min)	9
Hot Swappable	No

SURGE PROTECTION & FILTERING

Network Protection RJ45	1-in, 1-Out (10/100/1000)
EMI/RFI Filtration	Yes
Coax Protection RG6	1-In, 1-Out
Surge Suppression (Joules)	1030

MANAGEMENT & COMMUNICATIONS

Multifunction LCD Panel	Yes
Serial Port	Yes
Audible Alarms	On Battery, Low Battery, Overload, Fault
HID Compliant USB Port	Yes
Management Cable	USB Cable
Software	PowerPanel® Personal
LED Indicators	Power On, Wiring Fault

PHYSICAL

Form Factor	Mini-Tower

DIMENSIONS

Weight (kg)	11.2
Weight (lb)	24.7
Physical Dimensions - (WxHxD) (in)	3.9 x 10.4 x 14.2
Physical Dimensions - (WxHxD) (mm)	99 x 264 x 361
Shipping - Dimensions (WxHxD, in)	7.7 x 14.5 x 17.75
Shipping - Dimensions (WxHxD, mm)	195.58 x 368.3 x 450.85
Shipping - Weight (lb)	27.5
Shipping - Weight (kg)	12.47

ENVIRONMENTAL

Operating Temperature	32°F to 104°F (0°C to 40°C)
Operating Elevation	0-10,000 ft (0-3,000 m)
Operating Relative Humidity	0 – 90% (non-condensing)

CERTIFICATIONS

Environmental	RoHS Compliant
Safety	UL1778

WARRANTY

CEG Amount	$500,000
Product Warranty	3 Years Limited
Connected Equipment Guarantee	Lifetime