



SP1500LCDRTXL2U SMART SINE WAVE UPS

Pure Sine Wave Output for Critical Devices



Sine
Wave



Automatic Voltage
Regulation



Power
Status



Extended
Runtime



Management
Software



GreenTech™

TYPICAL APPLICATIONS



Corporate Settings
Departmental Applications
Storage Appliances
Server Rooms
VoIP Systems
Network Closets

The **SP1500LCDRTXL2U** Smart Sine Wave UPS system with line-interactive topology and GreenTech™ UPS Bypass Design offers battery backup and power protection for corporate and departmental power applications. Providing pure sine wave output to connected devices in case of a power failure, this UPS backup system is designed to protect corporate and departmental servers, storage appliances, network devices, VoIP systems and other critical equipment.

A feature-loaded LCD interface provides instantaneous feedback and detailed information about power quality, battery life, usage statistics and much more. Able to be rack-mounted or stood vertically, this pure sine wave UPS is ENERGY STAR® Certified and uses Automatic Voltage Regulation to provide clean, consistent power to connected equipment. Access and manage this UPS system remotely from a computer or workstation with our PowerFrame™ UPS-management software, a powerful tool to fully optimize your bXterra Smart Sine Wave UPS. This device comes with optional extended runtime via an external battery pack, sold separately.

FEATURES

Capacity: 1500VA/1350W
Topology: Line Interactive
Waveform: Pure Sine Wave
Output: 120VAC \pm 1.5%
Plug Type & Cord: NEMA 5-15P, 10 ft. Cord
Plug Style: Straight
Outlets: 8 NEMA 5-15R (Battery Backup & Surge)
Communication: USB, Serial, SNMP, Relay, EPO
Runtime (half/full): 12.5 min/4.4 min
Extended Runtimes Available: Yes
Data Line Protection: Telephone/Ethernet
Management Software: PowerFrame™ Business
ENERGY STAR® Certified: Yes
User-Replaceable Battery: Yes
Warranty: 3 Years
Directly Connected Equipment Guarantee: \$350,000



SP1500LCDRTXL2U SMART SINE WAVE UPS SPECIFICATIONS



GENERAL

UPS Topology	Line Interactive
Energy Saving	GreenTech™ UPS
ENERGY STAR®-Certified	Yes

INPUT

Input Phase	Single-Phase
Voltage	120VAC
Input Circuit Breakers	16A
Rated Input Current (Maximum Load)	12A
Frequency Range	50/60Hz (auto-sensing)
Input Voltage Range	8-152VAC
Plug Type	NEMA 5-15P
Plug Style	Straight Type
Power Cord	10 ft (3 m)

OUTPUT

VA/W	1500VA/1350W
Power Factor	t3:1 (Battery Mode)
Automatic Voltage Regulation	Boost +15% / Buck-13%
Nominal Output Voltage(s) Supported	110/115/120/127VAC
On Battery Voltage	120VAC ± 1.5%
On Battery Frequency	50/60Hz ± 0.1Hz
On Battery Waveform	Pure Sine Wave
Harmonic Distortion	2% max @ 100% linear load ; 5% max @ 100% non-linear load (12% Max. before low battery alarm)
Outlet Type	NEMA 5-15R
Outlets-Total	8
Outlets-Critical Load	4
Outlets-Battery & Surge Protected	8
Load Management Outlets	4
Overload Protection	Firmware/Circuit Breaker
Transfer Time	4ms typical

BATTERY

Runtime at Half Load	12.5 min
Runtime at Full Load	4.4 min
Battery Type	Leakproof and maintenance-free sealed lead-acid battery
Battery Size	12V/7Ah
Battery Volt-Amp-Hour Capacity(W/h)	336
Hot-Swappable	Yes
Battery Quantity	4
User Replaceable	Yes
DC System Voltage (VDC)	48VDC
Typical Recharge Time	4 hours to 90% capacity
Extended Runtimes Available	Yes

SURGE PROTECTION & FILTERING

Surge Suppression	1372 Joules
Phone RJ11/Ethernet RJ45	1-In, 1-Out
EMI/RFI Filtration	Yes: meets UL 1449

MANAGEMENT & COMMUNICATIONS

Multifunction LCD Panel	Displays: Load Level, Runtime, Battery Level, Battery In Use, Input Voltage, Output Voltage, Output Frequency, Overload, Wiring Fault, Battery Voltage, Silent Mode, Normal Mode, AVR
HID Compliant USB Port	Yes
Management Cable	USB Cable, Serial Cable, EPO Cable(Optional)
Serial Port	Yes
EPO Port	Yes
Audible Alarms	Battery Mode, Low Battery, Overload, Fault
Software	PowerFrame™ Business
SNMP/HTTP Remote Monitoring	Power management from SNMP Manager and web browser (Optional)

PHYSICAL

Rack Size	2U
Form Factor	Rack/Tower
Dimensions (in) W x H x D	17.24 x 3.46 x 20.08
Weight (lbs)	42.5

ENVIRONMENTAL

Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-13°F to 113°F (-25°C to 50°C)
Operating Humidity	0-95% (non-condensing)
Storage Relative Humidity	0-95 % (non-condensing)
Maximum Operating Elevation	10,000 ft (3,000 m)
Maximum Storage Elevation	50,000 ft (15,000 m)
Audible Noise	Line Mode <45db, Battery Mode <55db
AC Mode Thermal Dissipation	192 BTU/Hr

CERTIFICATIONS

Environmental	cULus (Conforms to UL1778 5th Edition & CSA 22.2 no. 107.3-14/R: 2014), FCC DOC Class B, ENERGY STAR® Certified
Safety	RoHS Compliant

WARRANTY

Commercial Warranty	3 Years Limited
Directly Connected Equipment Guarantee	\$350,000

