

Advanced power protection in just 1U of rack space



The SU1500LCD1U and SU2000LCD1U UPS systems provide premium power protection while leaving plenty of free space in the rack for essential IT equipment.

Perfect for:

Servers, unified communications systems, professional workstations and other network and desktop equipment.

Enjoy robust, feature-rich power protection while saving room for more IT equipment. Our 1.4–2 kVA SmartOnline double-conversion UPS systems supply perfect AC output to network equipment in edge applications, micro data centers and computer rooms and require only 1U of rack space.

These true on-line UPS systems support critical equipment loads up to 1600W with reliable battery backup and clean, safe power. With sophisticated management features and convenient maintenance, they offer network-grade power protection that normally requires a 2U or 3U UPS system.

Key benefits

RELIABLE BATTERY BACKUP

- UPS systems provide 1440VA/1440W or 2000VA/1600W power to connected equipment to protect against downtime and data loss.
- On-line technology has zero transfer time between battery and AC mode for true uninterrupted power.

EFFICIENT DESIGN

- Unity output power factor (1.0) delivers network-grade power protection in just 1U of rack space (SU1500LCD1U).

PROTECTION AGAINST DAMAGE AND INTERFERENCE

- Double-conversion and frequency conversion technology remove line noise and provide pure sine wave output for optimal power performance.
- 540 joules of surge suppression protect equipment against harmful power surges, spikes and other irregularities.

NETWORK MANAGEMENT

- Optional LX platform network card allows UPS to be managed as a network device, including automated alerts, remote control, regular self-testing, history logs and real-time power condition monitoring.

CONVENIENT OPERATION

- LCD features detailed UPS and site power status and operating data.
- User-replaceable, hot-swappable internal battery sustains load power during field replacement.
- Five outlets in two individually controllable load banks allow runtime prioritization during outages.

Feature focus

Front-Panel LCD

User-friendly LCD with LEDs provides load, voltage and battery data, along with multiple screens of configuration and setup options.



Switchable Load Banks

2 switchable, individually controllable load banks enable rebooting or shedding connected devices. (SU1500LCD1U shown.)



Double-Conversion Power

Conversion process completely regenerates the power flowing from the UPS, with +/-3% voltage regulation and zero transfer time.

Efficient Operation

Economy mode and ENERGY STAR®-certified efficiency save electricity, lower costs and protect the environment.

Automatic Transfer

In the event of a power overcurrent, the input breaker activates and the UPS automatically transfers to battery mode or shuts off.

Network Management

Optional HTML5-based WEBCARDLX network card (sold separately) enables remote access for site power and UPS status monitoring and management, as well as automated alerts.



Advanced Communications

EPO/ROO ports allow emergency or remote UPS shutdown. RS-232 and HID-compliant USB ports support PowerAlert® software for safe, unattended shutdown in case of a prolonged power failure.



Field-Replaceable Batteries

Hot-swappable internal batteries provide 10 minutes of support at half load and three minutes at full load.



SPECIFICATIONS



Model	SU1500LCD1U	SU2000LCD1U
VA/Watts	1440VA/1440W	2000VA/1600W
AC Input/Output	120V, 50/60 Hz	
Input Plug Type / Cord Length	NEMA 5-15P / 6 ft. (1.8 m)	NEMA 5-20P / 6 ft. (1.8 m)
Outlet Quantity and Type	5 (NEMA 5-15R)	5 (NEMA 5-20R)
Switchable Load Bank Configuration	Bank 1: 3 outlets / Bank 2: 2 outlets	Bank 1: 3 outlets / Bank 2: 2 outlets
Estimated 50%/100% Load Runtime	10 min. (720W) 3 min. (1440W)	10 min. (800W) 3 min. (1600W)
Battery Voltage	48V	
Operating Temperature	32°F to 104°F (0°C to 40°C)	
Rack Size	1U	
Dimensions (H x W x D)	1.7 x 17.3 x 28 in. (44 x 440 x 710 mm)	
Weight (With Batteries)	45.2 lb. (20.5 kg)	48.5 lb. (22 kg)
Product Certifications and Compliance	UL 1778 (TUV), CSA (Canada), NOM (Mexico), ENERGY STAR, FCC Class A, RoHS	
Warranty and Insurance	2-Year Limited Warranty and \$250,000 Ultimate Lifetime Insurance	

Learn more about our full line of UPS systems at tripplite.com.

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