

# Standalone Battery Backup

## Protect your investment with a comprehensive backup solution



SurgeX offers a complete UPS product line to meet your battery backup needs. Available in multiple configurations, our standalone UPS solutions provide backup power to keep equipment running and properly shut down critical systems in the event of a power outage.

For critical systems that require online battery backup, our UPS-1000-OL, UPS-2000-OL, and UPS-3000-OL solutions each deliver network grade power through double-conversion technology. They offer the perfect standalone backup solution for sensitive audio video systems, critical business servers, point of sale equipment, telephone, and data networks equipment that demand prolonged runtimes of 1.5 hours or greater. All three solutions provide extended scalable runtimes of up to 18 hours via self-charging extended battery packs and easily replaceable battery trays.

Reliable battery backup is possible. No matter what your industry, we have a premium standalone UPS solution for you.

### Features:

- Online, double-conversion Uninterruptible Power Supply
- True sinewave output
- Controllable receptacles
- Configurable as tower or 19" rack
- Hot swappable-user replaceable battery trays
- Intuitive LCD screen
- UPS monitoring software
- Optional SNMP card available
- 2 Year Product Warranty
- 2 Year Battery Warranty

	Model Number	Plug Configuration		Description
		Input	Output	
	UPS-1000-OL Replacement Battery Tray UPS-BAT-1000-S	 NEMA 5-15P	 (3x) NEMA 5-15R Direct  (3x) NEMA 5-15R Programmable	120V/15A, 1000 VA, Online, 2U
	UPS-2000-OL Replacement Battery Tray UPS-BAT-2000-S	 NEMA 5-20P	 (2x) NEMA 5-20R  (1x) NEMA L5-20R Direct  (2x) NEMA 5-15R Programmable	120V/20A, 2000 VA, Online, 2U
	UPS-3000-OL Replacement Battery Tray UPS-BAT-3000-S	 NEMA L5-30P	 (2x) NEMA 5-20R  (1x) NEMA L5-30R (1 foot cord) Direct  (2x) NEMA 5-20R Programmable	120V/30A, 3000 VA, Online, 2U

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Technical Specifications	UPS-1000-OL	UPS-2000-OL	UPS-3000-OL
<b>Power Rating</b>	1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W
<b>Topology</b>	On-Line Double Conversion	On-Line Double Conversion	On-Line Double Conversion
<b>Heat Dissipation (BTU/Hour)</b>	520 at 100% Load	1171 at 100% Load	1756 at 100% Load
<b>Input Voltage (Nominal) Range</b>	100-120 VAC 90-150 VAC	100-120 VAC 105-150 VAC	100-120 VAC 105-150 VAC
<b>Input Frequency</b>	50/60 Hz $\pm$ 4 (Auto Sense on Start-Up)	50/60 Hz $\pm$ 4 (Auto Sense on Start-Up)	50/60 Hz $\pm$ 4 (Auto Sense on Start-Up)
<b>Input Power Factor</b>	>0.95	>0.95	>0.95
<b>Input Current THD</b>	<9.0%	<9.0%	<9.0%
<b>Efficiency</b>	>84.0%	>84.0%	>84.0%
<b>Output Voltage</b>	120 VAC (Default) 100/110/115 VAC (Selectable)	120 VAC (Default) 100/110/115 VAC (Selectable)	120 VAC (Default) 100/110/115 VAC (Selectable)
<b>Output Current</b>	8.3 A (Default) 10.0/9.1/8.7 A (Selectable)	16.7 A (Default) 20.0/18.2/17.4 A (Selectable)	25.0 A (Default) 30.0/27.3/26.1 A (Selectable)
<b>Voltage Regulation</b>	$\pm$ 1.0%	$\pm$ 1.0%	$\pm$ 1.0%
<b>Overload Online Mode</b>	100-105%: Continuous; Warning Only 105-130%: 2 Minutes 130-200%: 10 Seconds >200%: 250 Milliseconds	100-105%: Continuous; Warning Only 105-130%: 2 Minutes 130-200%: 10 Seconds >200%: 250 Milliseconds	100-105%: Continuous; Warning Only 105-130%: 2 Minutes 130-200%: 10 Seconds >200%: 250 Milliseconds
<b>Overload Battery Mode</b>	100-105%: Continuous; Warning Only 105-130%: 10 Seconds >130%: 250 Milliseconds	100-105%: Continuous; Warning Only 105-130%: 10 Seconds >130%: 250 Milliseconds	100-105%: Continuous; Warning Only 105-130%: 10 Seconds >130%: 250 Milliseconds
<b>Overload Bypass Mode</b>	100-110%: Continuous; Warning Only 110-120%: 30 Minutes 120-130%: 10 Minutes >130%: 1 Minute	100-110%: Continuous; Warning Only 110-120%: 30 Minutes 120-130%: 10 Minutes >130%: 1 Minute	100-110%: Continuous; Warning Only 110-120%: 30 Minutes 120-130%: 10 Minutes >130%: 1 Minute
<b>Battery Voltage (Float / Nominal)</b>	27.4/24.0 VDC	54.7/48.0 VDC	82.1/72.0 VDC
<b>Charger Current</b>	1.0 A	1.0 A	1.0 A
<b>Backup Time (Full Load)</b>	>3.5 Minutes	>3.6 Minutes	>3.6 Minutes
<b>Communications Interface</b>	USB / RS-232	USB / RS-232	USB / RS-232
<b>Shipping Weight</b>	47.0 lbs. / 21.4 kg.	75.5 lbs. / 34.3 kg.	105.0 lbs. / 47.4 kg.
<b>Unit Weight</b>	38.0 lbs. / 17.3 kg.	65.0 lbs. / 29.5 kg.	81.0 lbs. / 36.8 kg.
<b>Length</b>	17.25 in / 438 mm	17.25 in / 438 mm	17.25 in / 438 mm
<b>Height</b>	3.39 in / 86 mm	3.39 in / 86 mm	3.39 in / 86 mm
<b>Depth</b>	16.26 in / 413 mm	20.20 in / 513 mm	24.92 in / 633 mm