



# SU-1000Li

## TECHNICAL DESCRIPTION

The SU-1000Li shall be a two-rack-space unit in a magnetic shielding steel enclosure. It shall operate from 120 volts AC and have a 9-foot, grounded, 3-wire #14 line cord. There shall be 6 grounded AC receptacles on the back panel, with 4 Surge Only and 2 Battery & Surge. Overall dimensions shall be 3.5" H x 19" W x 10.5" D. Weight shall be 32 pounds. The SU-1000Li shall have a total combined load rating of 15 amps at 120 volts, with up to 15A available at the Surge Only outlets and up to 600W/1000VA available at the Battery & Surge outlets, a self-test circuit with visual indicator, and provide EMI/RFI filtering. It shall have monitoring and control functions via wired USB and activated by software. It shall withstand at least 1000 occurrences of surge pulse voltages up to 6000 volts.

SPECIFICATIONS		SU-1000-LI
Load Rating		15A
Voltage Rating		120V
Power Requirement (no load)		0
Surge Let-through Voltage (6000 Volt Surge)		0 Volts
Maximum Applied Surge Voltage		6000 Volts *
Maximum Applied Surge Current		Unlimited (due to current limiting) *
Maximum Applied Surge Energy		Unlimited (due to current limiting) *
Endurance (C62.41-1991 category B3 pulses)		1 KV > 500,000; 3 KV > 10,000; 6 KV > 1000
EMI/RFI Filter	Normal mode (50Ω load)	> 20 dB, 28 kHz – 50 MHz > 30 dB, 170 kHz – 50 MHz 24 dB @ 100 kHz; 53 dB @ 300 kHz; 62 dB @ 3 MHz; 40 dB @ 30 MHz
	Common Mode (50Ω load)	> 10 dB, 180 kHz – 50 MHz > 20 dB, 400 kHz - 4.6 MHz, 5.875 MHz - 50 MHz > 30 dB, 1 MHz – 4.2 MHz, 8.25 MHz – 26.75 MHz 17 dB @ 300 kHz; 30 dB @ 1 MHz; 17 dB @ 5 MHz; 41 dB @ 20 MHz
Under-Voltage Auto Shutdown		Yes
Over-Voltage Auto Shutdown		Yes
Over-Current Auto Shutdown		Circuit Breaker
Over-Temperature Auto Shutdown		0
Measurement Accuracy	Voltage	0
	Current	0
	Power	0
	Energy	0
	Temperature	0
Network Port		No
Serial Port		0
Temperature Sensor Input		0
Auxiliary Relay Outputs		No
Contact Closure Input		No
Dimensions		3.5" x 19.0" x 10.5"
Weight		32 lbs
Temperature Range:		5C to 35C
Humidity Range		5% to 95% R.H. Non-condensing
Agency Listings		Conforms to UL Stds 1778 & 1449 Cert. to CSA Std C22.2 No. 8 & C22.2 No.

\* 1.2 x 50 microsecond industry standard combination wave surge as per IEEE C62.41

\*\* Specifications subject to change without notice

SPECS v.030118

