

SRNSL (I,X) Series

Highest Available Power Density in Any Power Conditioner Slim-line Version of Top Selling SRNDT(I) Series

Our SRNSL (I,X) Series UPS is Power Factor Corrected (PFC) on the input to near unity. Therefore, when non-linear loads requiring apparent power are present, only real power is reflected on the input utility line, ensuring efficient use of electricity and preventing harmful load harmonics from re-entering your electrical system.

TRUE ON-LINE, DOUBLE-CONVERSION TECHNOLOGY

Unlike Standby (Off-Line) and Line-Interactive UPS products which only work part-time, this True On-Line design provides power 100% of the time. The design provides a precise, digitally processed, output sine wave synthesized by an internal microprocessor.

RELIABILITY

NOVA Power Solutions delivers power quality in harsh environments ranging from the arctic to the desert, as well as on and under the sea. Our products are designed and manufactured with long-standing performance particularly suited for rigorous applications.

LIFECYCLE

NOVA Power Solutions provides maximum lifecycle benefits from design through sustainment. Our focus on quality and efficiency results in reduced costs and becomes a concentrated value to our customers over the course of an extensive product lifecycle.

PRODUCT SUPPORT

NOVA Power Solutions delivers award winning technical support, customer service, and expert knowledge that provides unsurpassed power protection to mission-critical electronics throughout the world.

KEY FEATURES:

- Ruggedized COTS UPS
- MIL-STD 1399, Section 300B
- True Online UPS
- Delta Power Input/Output available
- Only 2U-high
- Electrically isolated input
- Battery backup runtime to meet your requirements

NOVA
POWER SOLUTIONS, INC.



Product Series Datasheet



SELECT CAPABILITIES:

- EMI Suppression Technologies
- Inverter powers load continuously
- Lightweight aluminum chassis
- Dipole breaker on front panel
- Ruggedized internal structure
- Cold Start feature
- Internal Automatic Bypass
- Integral slide mounts and spacers
- Fits most 19" rack applications
- Auxiliary battery trays available for additional run time
- Optional SNMP Network Agent (SNMPv3 & IPv6)
- Many input & output connector configurations available

Product Series Overview

BENEFITS:

- Ruggedized COTS UPS
- MIL-STD 1399, Section 300B
- True Online UPS
- Delta Power Input/Output available
- Only 2U-high
- Electrically Isolated Input
- Battery backup runtime to meet your requirements

Sold Exclusively through:

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 Istanbul, Turkey
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ELECTRICAL								
Power Factor Corrected	IAW MIL-STD 1399, Section 300B							
Input Voltage	115VAC (100, 110, 115, 117, 120, 125) 230VAC (220, 230, 240)							
Input Frequency	45-65Hz							
Output Voltage	120VAC ± 3%							
Output Frequency	50Hz, 60Hz, or Line Sync (software select)							
Crest Factor Ratio	Up to 4.8:1 (@50% Load)							
(typical)	Up to 3.2:1 (@75% Load)							
	Up to 2.4:1 (@100% Load)							
Harmonic Distortion	5% Max. THD (@80% Non-linear load)							
Dynamic Response	±4% for 100% Step Load Change, 500µs Recovery Time							
Overload	110% for 10 minutes; 200% for 50ms							
Efficiency	85% (@ full load)							
UPS Protection	Input and Output Short Circuit; Input and Output Overload; Low-Voltage Battery Cut-off							
ENVIRONMENTAL								
Operating Temperature	32°F to 122°F (0°C to 50°C)							
Humidity	0% to 95% Non-condensing							
Altitude	Sea Level to 10,000 Feet							
Audible Noise	39-42 dBA at Five Feet							
MECHANICAL								
Cooling	Low Velocity, Temperature Controlled Reversible Forced Air							
Airflow	Front to Rear (Rear to Front also available)							
Installation	Adjustable Front Faceplate							
Battery	Available with external Dual Auxiliary Battery Tray							
Input	MS3402 or AMP CPC-type currently available							
Output	MS3402, AMP CPC, NEMA, Locking-NEMA, IEC							
STANDARDS								
	UL 1778 design; MIL-STD 1399 Sec. 300B, 167-1A, 901D, 1474D & most elements of 810G & 461F (in a properly shielded & isolated rack) as applicable to shipboard environments							
MTBF	In Excess of 100,000 Hours (based on service records)							
CONTROLS AND INDICATORS								
Sequenced LEDs	Battery Level, Load Level							
Single LED	AC Input, Inverter On, Bypass On, On Battery, Fault, Cold Start, AC Output, Replace Battery							
Front Panel Controls	System On/Off, AC Input On/Off, Cold Start, Fault Silence, Battery Test, AC Output On/Off							
Audible Alarms	Utility Interrupt, Inverter Failure, Overload, Low Battery, Self-test							
RS232 Data Interface (DB-9F):	Full Interactive, Remote Computer Monitoring and Control of UPS Functions. Compatible with Megatech and SEC Protocols							
Open-Collector (DB-9F):	Allows Alarm Function Monitoring							
Optional SNMP Interface (RJ45):	Allows Full Control and Monitoring Over Network Connection. Compatible with OpenView™, NetView™ and CA Unicenter™ & Other UPS Software							
OPTIONS								
Others	Please contact us to discuss all options.							
Part Number	Nominal Apparent Power (VA)	Actual Output Power (W)	Input Voltage	Output Voltage	Internal Battery Y or N	Can provide Internal Battery Backup?	Dimensions (H x W x D)	Approximate Weight (lbs)
UPS1-1.25K-1G-SRNSLI	1250	875	115VAC	120VAC	No	Yes	3½" x 19" x 20"	53
UPS1-2K-1G-SRNSLI	2000	1680	115VAC	120VAC	No	Yes	3½" x 19" x 20"	67
UPS1-2.5K-1G-SRNSLI	2500	2000	115VAC	120VAC	No	Yes	3½" x 19" x 20"	67
UPS1-2.5K-1G-SRNSLX	2500	1680	115VAC	120VAC	Yes	Yes	3½" x 19" x 25"	87
UPS1-3K-1G-SRNSLI	3000	2600	115VAC	120VAC	No	Yes	Call	Call