STABILINE®

SLI Series - Uninterruptible Power Supplies

Line Interactive, Sine Wave Output

Superior Electric

Increase Productivity and your Bottom-line!

SLI Series units act as a defensive barrier between your equipment and corrupted power, thereby eliminating premature hardware failure, data loss and error, storage loss and system / keyboard lockup. SLI Series units are most effective against five power problems.

- Power Failures
- Power Sags
- Power Surges
- Under voltage
- Over voltage

SLI Series 19-inch Rack Mount Features

- ***120 VAC, 50/60 Hz (Auto-sensing) Operation***
- ***Rack or Stand-alone Cabinet Installation***
- ***Needs only 2U of Valuable Rack Space***
- ***Remote Emergency Power-off (REPO) Port***
- ***Advanced Battery Management Technology Doubles Battery Service Life***
- ***Extended Battery Modules (EBMs) Increase Run Time Capacity***
- ***Buck and Double Boost Voltage Regulation***
- ***Load Segment Control***
- ***Network Transient Protector Isolates Networks, Modems and Cables from Surges and Spikes***
- ***Hot-swappable Batteries Simplify Service***
- ***X-Slot Option Cards Extend Power Management Capabilities***

Advanced Power Management

SLI Series STABILINE Uninterruptible Power Supplies provide advanced power management for PC's, workstations and servers.

All SLI Series units incorporate load segment capabilities (separate receptacle groups) which enable scheduled shutdowns and load shedding as well as maximum run time for each critical device. To preserve battery power for more critical equipment connected to the UPS, shut down and power up load segments are user-defined. Feature rich communications and UPS power management software provide extensive control and monitoring.

All feature advanced battery management technology, which doubles battery service life, critical to maximizing system availability. Lead-acid batteries subjected to constant trickle charging (utilized by most all other UPSs on the market today) reach the end of their useful life in less than half the time of batteries charged using SLI Series advanced battery management. Utilizing a proprietary three-stage charging technique, SLI Series units minimize recharge time and provide for up to 60 days notification when batteries are approaching the end of their useful life. A REPO port allows UPS and connected equipment shutdown from a remote location in an emergency.

Hot-swappable Batteries

When alarm notification indicates the end of battery life is near, batteries can easily be hot-swapped without powering down the connected load(s). User friendly design allows batteries to be exchanged through the front of the unit.

Extended Battery Modules

Increasing battery backup time is as simple as plugging in an extended battery module. Hot-swap capability with all extended battery modules (EBMs) allow for expanded run time or EBM replacement while keeping your critical load up and running.

		Model SLI1000R	Model SLI1500R	Model SLI2400R	Model SLI3000R
INPUT					
	Nominal Voltage	120 VAC			
	Voltage Range	77-152 VAC		90-144VAC	
	Frequency Range	46-65 Hz		46-64 Hz	
	Noise Filtering	MOVs and Line Filter for Normal and Common-mode Noise			
OUTPUT					
	VA Rating	1000 VA	1400 VA	2400 VA	2880 VA
	Power	900 Watts	1340 Watts	2250 Watts	2700 Watts
	Frequency	50/60 Hz, Auto-sensing			
	Voltage	120 VAC			
	Voltage Regulation				
	On Utility	-10% to +6% of Nominal			
	On Battery	±5%			
	Overload (Normal Operation)	110% Overload, Shutdown After 3 Minutes; 150% Overload, Shutdown 10 Cycles			
	Voltage Wave Shape *(Battery Mode)*	Sine Wave			
	Transfer Time Line Fails/Recovers	2-4 ms Typical			
	Output Protection	Short CIrcuit Protection			
BATTERY					
	DC Voltage	48 VDC	48 VDC	120 VDC	120 VDC
	Type	Sealed, Lead-acid, Maintenance-free, Valve-regulated			
	Number (Internal)	(4) 12V, 9AH	(4) 12V, 9AH	(10) 12V, 5AH	(10) 12V, 5AH
	Number (External Battery Module)	(8) 12V, 9AH	(8) 12V, 9AH	(20) 12V, 5AH	(20) 12V, 5AH
	Recharge Time to 90%	Internal Battery; < 3 Hours; External Battery; No More than 16 x Discharge Time			
	Run Time (Internal Batteries)† *Full Load/Half Load in Minutes*	*7/19*	5/13	7/19	5/15
	Battery Replacement	Hot-swappable Internal Batteries and External Battery Modules (EBMs)			
	Monitoring	Advanced Monitoring for Earlier Failure Detection and Warning; Auto Detection of Additional EBMs			
GENERAL SPECIFICATIONS					
	Special	Frequency Auto Tracking, DC Cold Start, Optional Extended Battery Modules, Load Segment Control, Network Transient Protection; Input/Output RJ45 (accommodates RJ11 Jacks) for Modem/Fax and Other Telecommunications Equipment; UL 497A Tested			
	REPO Port	Remote Emergency Power Off Port Available			
	Diagnostics	Full System Self-test on Power-up			
	User Interface	Front Panel Control			
	Computer Interface	Power Management Software CD-ROM and 6-Foot Communications Cable Supplied			
	X-Slot Interface	RS-232 Single Serial Card (Standard); Other Options Available - Consult Factory			
	Audible	On Battery, Low Battery, Overload, UPS Fault			
	Temperature *Operating*	0°C to 40°C (32°F to 104°F)			
	Storage	0°C to 25°C (32°F to 77°F)			
	Transit	-25°C to 55°C (-13°F to 131°F)			
	Humidity	0-95% Non-condensing			
	Altitude *Operating*	10,000 Feet (3,000 Meters) Above Sea Level, Without Derating			
	Transit	50,000 Feet (15,000 Meters Above Sea Level)			
	Audible Noise	Less than 40 dBA Normal Mode, Less than 55 dBA Battery Mode with Typical Load			
	Surge Suppression	ANSI/IEEE C62.41 Category B (Formerly IEEE 587), IEC61000-4-5			
	EMC Compliance	FCC Part 15, IICES-003			
	Input Connection	5-15P, 6-Foot Line Cord		L5-30P, 12 Foot Line Cord	
	Output Receptacles	(6) 5-15R		(1) L5-30R, (6) 5-15R	
	Load Segments	(2) Receptacle Groups		(3) Receptacle Groups	
	Weight *UPS*	50 lbs (23 kg)		82 lbs (37 kg)	
	EBM	65 lbs (30 kg)		121 lbs (55 kg)	
	Dimensions H x W x D				
	UPS and EBM *Inches*	3.5 [2U] x 19 x 19.4		3.5 [2U] x 19 x 24.5	
	(Includes Mounting Handles) *Millimeters*	(89 x 483 x 494)		(89 x 483 x 622)	
	Agency	UL, cUL			
	Warranty	2 Years			

		Model SLI48V-EBMR	*Model SLI48V-EBMR*	*Model SLI120V-EBMR*	*Model SLI120V-EBMR*
OPTIONAL EBM's	**Run Time** *Internal battery plus number of optional EBM's up to four.*	Full Load/Half Load in Minutes	Full Load/Half Load in Minutes	Full Load/Half Load in Minutes	Full Load/Half Load in Minutes
	1 EBM	33/68	23/57	35/73	25/61
	2 EBM	58/120	49/161	60/124	49/103
	3 EBM	82/166	73/170	85/177	69/146
	4 EBM	105/214	96/205	110/229	90/190

Specifications subject to change without notice. † Backup times are for reference only. Actual duration may vary depending on temperature, battery condition and type of load.

Superior Electric