

Digital LI SW HR UPS Series

Pure sinewave Intelligent UPS

- Microprocessor controlled circuit
 - Pure sinewave output
 - Wide input voltage range
 - Extended battery run - time
- Full time EMI / RFI suppression
 - Cold start capability
- Versatile communication options
 - SNMP interface
 - Web enabled monitoring
- Smart battery management
 - Generator compatibility
 - LCD display

Application

- Telecom • Defence • Medical
- Audio/Video • Networking • servers



NUMERIC - The No.1 Single Phase & Line interactive UPS Manufacturer in India



NUMERIC

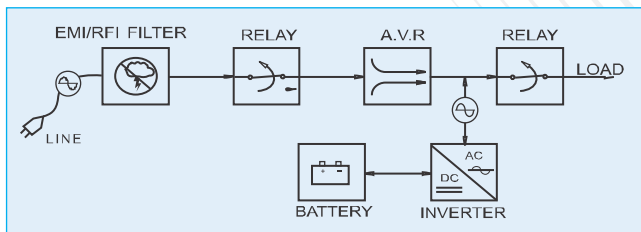
The ultimate in clean power

Numeric UPS is renowned for its excellence in the manufacturing of world-class UPS systems. With more than 25 years of industry expertise, Numeric is the No.1 UPS manufacturing company in India

As today's business applications are based on technology solutions and sophisticated hardware, the need for power protection systems providing impeccable power quality with high reliability and high availability becomes extremely vital. Numeric Digital LI SW HR UPS Series offers pure sinewave output providing solutions for a wide range of critical applications including PC network, Medical equipments, Telecommunication equipments and switches, VSAT, Kiosks / Automated vending machines, Audio-Video Studios / Labs / Broadcasting equipments, Entertainment devices, Indoor & outdoor display panels etc.

The Digital LI SW HR UPS functions with a high electrical efficiency, delivering quality power with less than 3% THD and improved output voltage regulation. With its superior performance the Digital LI SW HR UPS Series stands far above the contemporary UPS systems.

Sinewave UPS systems with advanced microprocessor controlled technology



Most of the malfunctions in electronic equipment and sophisticated circuits are directly attributed to power aberrations like voltage fluctuations, sags, surges, spikes, transients, RFI, frequency variations, interruptions, brown-outs, blackout etc.

NUMERIC Digital LI SW HR UPS series corrects the effect of such electrical aberrations in the input, thereby providing continuous and failsafe protection to the installations that are critical to the business. By means of innovative software control programs, the complicated hardware circuitry inlaid in the powerful microprocessor in the Digital LI SW HR UPS Series system facilitates high reliability of the system.

Wide input voltage range

The built-in AVR provides regulated clean power for a wide input voltage window of 145 V to 290 V AC, which allows the UPS to work in mains mode even under low & high voltage conditions, thereby extending the life of the battery.

Cold start capability

Enables the UPS to start without utility power if required, allowing the connected equipment to maintain operation in the event of an emergency.

Smart battery management

Microprocessor-controlled circuitry enhances battery life and reports the battery status through visual and audible alarms. The auto recharging facility automatically recharges battery when the UPS is connected to the power supply.

Extend battery run-time

NUMERIC Digital LI SW HR UPS Series extended back-up models come with exclusive external battery connectivity offering provision to connect external battery thus extending back-up time by over 4 hours.

Communication & Remote Monitoring



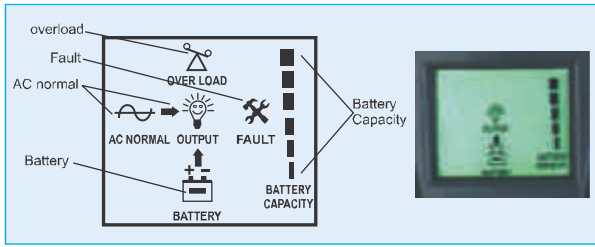
NUMERIC Digital LI SW HR UPS Series offers a variety of communication solutions and accessories for remote control and supervision of UPS. The standard feature of RS232 port and software enables the users to supervise the UPS while working on platforms such as Windows 95/98/2000 an NT. The SNMP* communication option facilitates remote monitoring of the UPS in computer networks and offers web-enabled monitoring of the critical parameters of the UPS from any part of the world through Internet.

*Optional



Digital LI SW HR UPS Series
1 kVA - 3 kVA

User friendly LCD panel



The LCD panel displays a set of informative parameters, such as Mains on, Inverter on / off / faulty, Battery level, Overload and alarms for Low Battery and Mains Failure.

Runtime chart

Digital 1000 LI SW HR UPS Series

Load in watts	240 min	200 min	180 min	165 min	150 min	120 min	100 min	90 min	80 min	75 min	65 min	60 min	50 min	15 min
400	100AH*2	65AH*2				42AH*2			26AH*2					
500		100AH*2		65AH*2			42AH*2				26AH*2			
600			100AH*2		65AH*2			42AH*2				26AH*2		
700					100AH*2	65AH*2				42AH*2			26AH*2	18AH*2

Digital 2200LI SW HR UPS Series

Load in watts	240 min	200 min	180 min	165 min	150 min	120 min	100 min	90 min	80 min	75 min	65 min	60 min	50 min	15 min
1000		100AH*4			65AH*4		42AH*4			26AH*4				
1200			100AH*4			65AH*4		42AH*4			26AH*4			
1400					100AH*4			65AH*4		42AH*4		26AH*4		
1540						100AH*4				65AH*4	42AH*4		26AH*4	26AH*4

Digital 3000 LI SW HR UPS Series

Load in watts	240 min	200 min	180 min	165 min	150 min	120 min	100 min	90 min	80 min	75 min	65 min	60 min	50 min	15 min
1200	100AH*6	65AH*6				42AH*6		26AH*6						
1500		100AH*6	65AH*6				42AH*6			26AH*6				
1800			100AH*6	65AH*6				42AH*6			26AH*6			
2100					100AH*6							42AH*6	26AH*6	

Highest uptime from the trusted leader

Customer delight has always been the catalyst in the success of Numeric and the highest uptime is guaranteed by the world-wide presence of Numeric offices supported by around 2000 professionals. The emphasis lies in building relationship and this is evident from the huge base of installations of Numeric UPS systems across the globe and the high level of gratification expressed by the clientele through continued patronage. A pioneer in the field of power conditioning equipment, Numeric is the one-stop solution provider for all your power conditioning needs.



Technical Specification*

Model	Digital 1000 LI SW HR UPS Series	Digital 2200 LI SW HRUPS Series	Digital 3000 LI SW HRUPS Series
Input Characteristics			
Voltage Range (VAC)	145 - 290		
Frequency(Hz)	50 +/- 6%		
Phase	Single Phase, Three - wire		
Waveform	Pure Sinewave		
Battery Voltage (VDC)	24	48	72
Inverter Output			
Capacity (VA/W) @ 0.7 PF	1000 / 700	2200/1540	3000/2100
Voltage (VAC)	230 V +/- 1% (batt) and 230 V +/- 8% (AC)		
Frequency (Hz)	50 Hz +/- 0.5%		
Waveform	Pure Sinewave		
Transfer Time	Typical value ≤ 3ms		
Efficiency (Inverter)	86.5% Batt Mode	86.4% Batt Mode	
Overload Capacity			
Utility Power	Load >=200%-3 seconds, Load >=100%-5 minutes		
Battery	Load +150%-1 second, Load >=100%-30 seconds		
Other Characteristics			
Backup Time	Refer runtime chart		
Recharge Time	8 Hrs For 100 % charge		
Communication	RS 232 support UPsilon2000 / Power manager		
Alarm	Output overload, Battery under / over voltage, Utility power abnormal, Inverter fault		
Panel Indication	LCD shows UPS operation status (AC Main, Fault, Overload, Battery Level)		
Sound Level (db)	<55 at 1 M radius		
Protection	>70% Mains & Battery low/high protection, Overload protection, Short circuit protection, Temperature protection.		
Relative Humidity	0-95% without condensation		
Environment Temperature	1-40° C		
Physical (for standard models)			
Certification	ISO 9001 / 14001, OHSAS 18001, BIS, Conforms to safety (EN - 50091-1) and EMI / EMC (EN 50091-2) standards		
Dimension (mm) (LxWxH)	460x150x220	487x220x330	487x200x330
Weight (Kg)	18	38	46

*As standards, specifications and designs changes from time to time, please ask for confirmation of the information given in this publicaion.

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No. 1 Power Electronic Company of the Year*
No. 1 Online UPS Manufacturer of the Year*
No. 1 Line-interactive UPS Manufacturer of the Year**
Best Modular UPS for the year 2015



EFY Readers' Choice Citation
Top 5 Brands in the category of
UPS Systems.



Frost & Sullivan
Awards



ISO 9001 : 2008
ISO 14001 : 2004
BS OHSAS 18001 : 2007

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Please Refer our website : www.numericups.com for list of our service centers.