



The ultimate in clean power

# NUMERIC

## *Digital LI Series*

**Microprocessor controlled  
high performance UPS systems**

- Microprocessor controlled circuit
- Built-in automatic voltage regulator
  - Extended battery run - time
- Full time EMI / RFI suppression
- Telephone / Modem / Fax / Ethernet line surge protection
  - Cold start capability
- PC interface and advanced power monitoring software
  - Smart battery management
  - Generator compatibility
  - LCD display



## NUMERIC *Digital LI Series*

### Features

#### Built-in automatic voltage regulator (AVR)

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

#### Extended battery run-time\*

Numeric Digital LI series offer you a wide range of battery run-time options of over 2 hours.

#### Full time EMI / RFI suppression

Eliminates high frequency electrical noise that are harmful to the computer and the main cause for data corruption.

#### Telephone / Modem / Fax / Ethernet line surge protection

Protects your telephone, Fax, Modem and PC connected in the network against dangerous lightning strikes and transient surges. Also protects your computer against these disturbances when connected to the internet via modem.

#### Cold start capability

Ability to start the UPS and perform file saving, document printing etc., when AC mains power supply is unavailable.

#### Printer surge protection\*

Safeguards printers against damage due to transient surge.

#### PC interface and advanced power monitoring software

Intelligent Digital LI series UPS systems comes with PC interface and advanced power monitoring software, that monitors and records input / output voltage, battery status of your UPS through e-mail / pager and many more features.

#### 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.

#### User-replaceable battery\*

Numeric's user replaceable battery system lets the user to change the UPS battery without the need of a service personal.

#### Generator compatibility

Numeric Digital LI series is compatible with generators thus extending back-up time and enhancing the battery life.

#### Circuit breaker\*

A simple push button circuit breaker instead of a standard fuse allows the user to reset the UPS from the "Trip mode" to "Normal mode" in an overload or short circuit condition.

\* Feature available on selected models only

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Numeric Power Systems Ltd., 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 with an extensive global presence. Numeric, offer the state-of-art microprocessor-controlled range of entry level UPS systems - 'Numeric Digital LI Series'.

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 Series offers solutions to a wide range of critical applications including Desktop / Multimedia PC's & accessories, Work stations & point of sales system, Communication equipments, Small networks and many more.

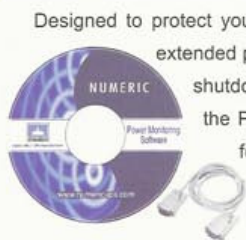
The Digital LI Series delivers quality power to protect the loads, and functions with a high electrical efficiency. With its superior performance the Digital LI Series stands far above the contemporary UPS systems.



*Digital LI Series*  
600 VA - 2 kVA



## PC interface and advanced power monitoring software

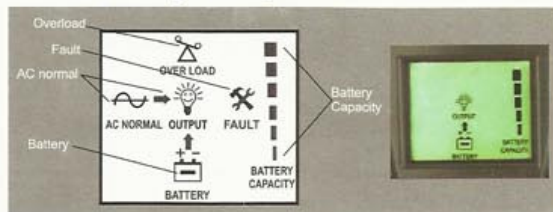


Designed to protect your valuable data and avoid software crash due to abrupt shutdowns on extended power outages. While working in the battery back-up mode, the auto-save shutdown feature automatically saves the active files and automatically shuts down the PC. The advanced power monitoring software is enriched with interesting features that send you the status. The remote monitoring facility enhances the usage and enables you to monitor the status of the UPS from a remote location through TCP / IP network.

## Extended battery run-time

NUMERIC Digital LI series extended back-up models come with exclusive external battery connectivity offering provision to connect external battery thus extending back-up time by over 2 hours.

## 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

UPS models	Load No. of PC's	Battery configuration					
		10 min	30 min	60 min	120 min	180 min	240 min
Digital 600 Series	1	7AH*1	7AH*2	28AH*1	42AH*1	65AH*1	100AH*1
Digital 800 Series	2	9AH*1					
Digital 1000 Series	3	7AH*2	7AH*4	28AH*2	42AH*2	65AH*2	
Digital 1600 Series	5	7AH*3	7AH*6	28AH*3	42AH*3	65AH*3	
Digital 2000 Series	6	9AH*3	7AH*8	42AH*4			

Back-up time mentioned are only approximate. The actual back-up time may vary depending on the power consumption of the PC connected.  
Back-up time calculated using P4 PC with 15" CRT monitor

## 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.

## NUMERIC GLOBAL NETWORK



## Technical Specification

Model	Digital 600 Series	Digital 800 Series	Digital 1000 Series	Digital 1600 Series	Digital 2000 Series
Rating (VA / WATTS)	600 / 360	800 / 480	1000 / 600	1600 / 960	2000 / 1200
Product Identification Number (PID No.)	SB 600	SB 800	SB 1000	SB 1600	SB 2000
<b>Mains</b>					
Input voltage range	145 - 290 <sup>#</sup>	160 - 280	160 - 280 <sup># #</sup>	145 - 290	145 - 290
Input frequency	45-55Hz				
Output voltage	190-253 V AC				
<b>Inverter</b>					
Output voltage	230				
Transfer time	<4 MS (typical)				
Output voltage regulation	230 ± 10%				
Output frequency	50Hz or 60 Hz				
Output wave form	Stepped sinewave				
System voltage	12	12	24	36	36* / 48
<b>Battery</b>					
Backup time	Refer runtime chart				
Recharge time	8 hrs for 90% charge				
<b>Others</b>					
Indicator	On mains / Mains fail / On batt / Low batt / Fault / Overload				
Alarm	Fault / Overload / Mains fail / Low battery				
No load protection	Available**				
Night guard option	Available				
Communication interface	RS 232				
Tel.surge protection	Available				
Software connectivity	Advanced software for Windows, Novell, Linux				
<b>Physical (for standard models)</b>					
Dimension W x D x H (MM)	100 X 330 X 140	100 X 330 X 140	140 X 368 X 180	150 X 460 X 220	150 X 460 X 220
Weight (Kg)	6	7	14	20	22.5