



NUMERIC
Digital LI Series
Line Interactive UPS Systems

Micro Controller Based High Performance UPS Systems



FEATURES:

- Built-in AVR
- Extended Battery Run Time over 2 hours*
- Full time EMI / RFI, Surge Suppression
- Cold start capability
- LCD Display*
- Telephone / Modem / Fax / Ethernet Line Surge Protection*
- Printer Surge Protection*
- PC Interface

*Available in specific models only.



India's No.1 UPS Manufacturer

NUMERIC

Digital LI Series

NUMERIC, India's No.1 UPS manufacturer, is the single largest source of UPS systems ranging from 500VA to 4800KVA. NUMERIC has seven ISO 9001:2000 manufacturing plants in India and abroad where technologically superior UPS systems meeting stringent international standards are manufactured. NUMERIC UPS systems are backed by a dedicated team of over 1200 professionals from more than 100 branches networked across the country. Reassured by these facts, NUMERIC is the preferred brand among most of the corporates and institutions.

The new sensational range of NUMERIC Digital LI Series is truly beyond par in performance and style. Its state-of-the-art micro controller-based functioning ensures high reliability and accuracy, while its exclusive features including LCD display and extended battery run time, give value-added benefits.



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 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 voltages, battery status of your UPS through e-mail / pager and many more features.

Smart battery management : Micro-controller based 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 a generator 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.

LCD Display* : The LCD display on the front panel visually displays the status of the UPS such as Battery ON, Low Battery or Overload condition.

*Feature available on specific models only

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 monitor software is enriched with interesting features that send you the status of the UPS by e-mail / pager and maintains log file of UPS 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.



Wide Range of 23 Models

NUMERIC Digital LI Series is available in a wide range of 23 models with battery back-up time ranging from 15 minutes to over 2 hours, in the ratings of 600 VA, 800 VA, 1000 VA, 1600 VA and 2000 VA.

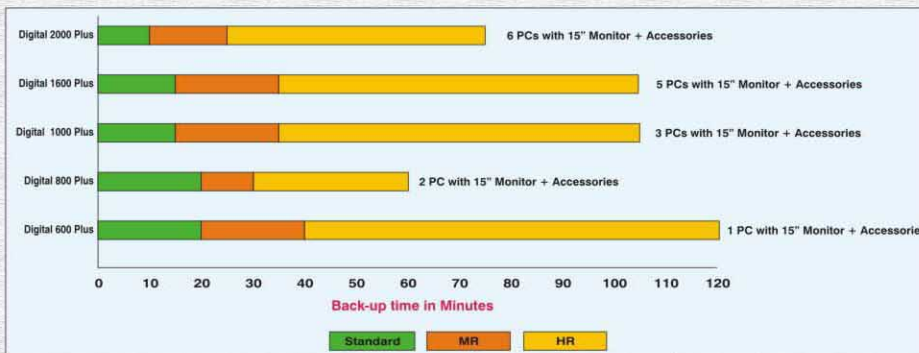


Extended Battery Run-Time

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.



UPS Sizing Chart



Battery Back-up Time Chart

UPS MODEL	LOAD (No. of PCs)	BACK-UP TIME IN MINUTES		
		STANDARD	MR	HR
DIGITAL 600	1	15-20	35-40	65-70
DIGITAL 800	2	10-15	25-30	55-60
DIGITAL 1000	3	10-15	30-35	60-65
DIGITAL 1600	5	10-15	30-35	60-65
DIGITAL 2000	6	8-10	20-25	45-50

Back-up time mentioned are only approximate. The actual back-up time may vary depending on the power consumption of the PC connected.

Battery Chart

UPS MODEL	LOAD (No. of PCs)	BATTERY DETAILS		
		STANDARD	MR	HR
DIGITAL 600	1	12 V, 7/7.2 AH X 1	12 V, 7/7.2 AH X 2	12 V, 28/42 AH X 1
DIGITAL 800	2	12 V, 9 AH X 1	12 V, 24/28 AH X 1	12 V, 40/42 AH X 1
DIGITAL 1000	3	12 V, 7/7.2 AH X 2	12 V, 7/7.2 AH X 4	12 V, 28/42 AH X 2
DIGITAL 1600	5	12 V, 7/7.2 AH X 3	12 V, 7/7.2 AH X 6	12 V, 28/42 AH X 3
DIGITAL 2000	6	12 V, 7/7.2 AH X 4	12 V, 7/7.2 AH X 8	12 V, 28/42 AH X 4



Technical Specifications *Digital LI Series*

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
MAINS					
INPUT VOLTAGE RANGE (VAC)	140 - 300	160 - 280	160 - 280	145 - 290	145 - 290
INPUT FREQUENCY	45-55Hz				
OUTPUT VOLTAGE	190-253 V AC				
INVERTER					
OUT PUT VOLTAGE (AC)	220				
TRANSFER TIME	<4 MS (typical)				
OUT PUT VOLTAGE (AC) Regulation	230 ± 10%				
OUT PUT FREQUENCY	50Hz OR 60 Hz				
OUTPUT WAVE FORM	STEPPED SINE WAVE				
SYSTEM VOLTAGE (VDC)	12	12	24	36	48
BATTERY					
BACKUP TIME	Refer Battery Chart				
RECHARGE TIME	8 HRS FOR 90% CHARGE				
OTHERS					
INDICATORS	ON MAINS / MAINS FAIL / ON BATT / LOW BATT / FAULT-OVERLOAD				
ALARM	FAULT-OVERLOAD / REPLACE BATTERY / 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				
PHYSICAL (FOR STANDARD MODELS)					
DIMENSION W x D x H (MM)	100 X 330 X 140	124 X 300 X 210	140 X 368 X 180	150 X 460 X 220	150 X 460 X 220
WEIGHT (Kg)	6	7	14	20	22.5

*Selected models only.



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