

NUMERIC[®]

A Group brand | **legrand**[®]

PLUG N PLAY

600 VA - 3 kVA



**NEW ENERGY
TO POWER**

www.numericups.com

Residential and commercial establishments need robust power back-up solutions. As leaders in Line interactive and Single Phase UPS for over 3 decades, we understand the changing needs of residences and small offices. As part of our commitment to offer smart solutions, we have simplified the installation process, with our Plug N Play range of UPS reducing the external dependency for UPS installation. With easy to unbox packaging, a video guide, and no contact installation, you can be assured of uninterrupted solutions at your convenience.

WHY NUMERIC

35+
YEARS
OF EXPERTISE

1 MILLION+
UPS
ACTIVE
INSTALLATION BASE

WIDEST
SERVICE NETWORK
250+
DIRECT SERVICE CENTRES

PRODUCT RANGE FROM
600VA TO
21MW

2 WORLD
CLASS
MANUFACTURING UNITS

UNDISPUTED
LEADER* IN **30**
LI & 1P FOR CONSECUTIVE
YEARS

PLUG N PLAY BENEFITS



Easy to unpack and install



Flexible to relocate



Extended backup time*



Do-it-yourself



Compact footprint



Safe solution

* For UPS with large in-built batteries

PLUG N PLAY SEGMENTS



Residential & SOHO



Commercial



Healthcare



Infrastructure

PLUG N PLAY APPLICATIONS



Networking devices



Sensors and alarms



Gaming consoles



Video conferencing



CCTV



Home automation



Home theatre



POS terminals

LINE INTERACTIVE UPS

DIGITAL 600 EX

A microprocessor-based design with in-built Automatic Voltage Regulator for effective protection against any interference.



DIGITAL 1000 PLUS - V

A robust and hardworking LI with in-built Automatic Voltage Regulator for maximum productivity and efficiency.



FEATURES

- Generator compatibility
- In-built battery
- Auto restart facility
- BIS compliant
- Battery mode start-up
- Quick charging
- Flame retardant cabinet

APPLICATIONS



Wi-fi routers



Computers



Inkjet printers



CCTV

SPECIFICATIONS

Parameters	Digital 600 EX	Digital 1000 Plus - V
Output power capacity in VA	600	1000
Output power capacity in W	360	600
Waveform	Stepped sine wave	
Display	LED display	
Input characteristics		
Input voltage	230 VAC	
Input frequency range	50 Hz ±6%	50 Hz ±5 Hz
Input voltage range	140 V - 300 VAC	160 V - 280 VAC
Connection	IS 1293 Power cord	
Output characteristics		
Outlets	2 x Indian type	4 x Indian type
Output voltage	230 VAC ± 10%	
Output frequency	50 Hz ± 0.1Hz	50 Hz ± 0.1Hz
Transfer time	< 4ms	
Batteries and battery charger characteristics		
Number of batteries	1	2
Battery type	Sealed lead acid maintenance free	
Rated battery voltage	12 VDC	24 VDC
Recharge time (Upto 90%)	4-5 hours	4-5 hours
Others		
Audible alarm	Mains fail, Battery low, Overload	
Protection	Under / Over voltage, Spike, Overload, Short circuit	
Mechanical characteristics		
Dimensions (W x D x H) in mm	100 x 310 x 140	150 x 350 x 160
Net weight in kg	4.23	7.8
Environmental conditions		
Operating temperature	0 °C to +40 °C	
Protection index	IP 20	
Relative humidity (%)	0% to 90% (non-condensing)	
Storage temperature	-10 °C to +45 °C	
Noise level at 1 m (dBA)	< 45 dBA	
Safety	IS 16242[Part1]:2014 / IEC 62040-1:2008	

Note: Specifications are subject to change without prior notice. Tolerance level - +/- 3% for dimension and weight

LINE INTERACTIVE UPS

DIGITAL 1000 & 2000 HR-V IBB

The Plug N Play Digital HR-V UPS series can safeguard your critical equipments from power interruptions efficiently. This sleek and compact UPS is equipped with a microprocessor control and Automatic Voltage Regulator (AVR), featuring an in-built battery option of 28 AH and 42 AH in 1000 HR-V and 28 AH in 2000 HR-V that provides increased backup and improved productivity.



FEATURES

- Generator compatibility
- Microprocessor control
- Built-in Automatic Voltage Regulator (AVR)
- Extended battery run-time
- Cold start capability
- In-built battery
- Smart battery management
- LCD / LED display
- Auto restart facility
- BIS compliant

APPLICATIONS



Home office / Computers



Routers and Networking devices



Audio Video system



Smart Home devices



Biometric/ Access systems



POS terminals



Gaming consoles

SPECIFICATIONS

Parameters	Digital 1000 HR-V IBB	Digital 2000 HR-V IBB
Output power capacity in VA	1000	2000
Output power capacity in W	600	1200
Waveform	Simulated sinewave	Simulated sinewave
Display	LCD display	LED display
Input characteristics		
Input voltage	230 VAC	230 VAC
Input frequency range	50 Hz	50 Hz
Input voltage range	140 – 300 VA	140 – 300 VAC
Connection	IS 1293 Power cord	
Output characteristics		
Output voltage	230 V ± 10%	
Output frequency	50 Hz ± 1Hz	
Transfer time	Typical 4 – 8 ms	
Outlets	4 x India type 6 Amps	
Batteries and battery charger characteristics		
Number of batteries	1	
Battery capacity (In-built)	28 AH/42 AH	28 AH/26 AH
Battery type	Sealed lead acid maintenance free	
Rated battery voltage	12 VDC	24 VDC
Floating charging voltage	13.7 VDC +/- 1 VDC	27.4 VDC +/- 1.0 VDC
Recharge time (Upto 90%)	4 hours	
Maximum charge current	5A	
Others		
Audible alarm	Battery mode, Low battery, Overload, Fault	
Protection	Under / Over voltage, Spike, Overload, Short circuit	
Mechanical characteristics		
Dimensions (WxDxH) in mm	150 X 410 X 467 (28 AH battery)	200 X 410 X 467 (28 AH battery)
Dimensions (WxDxH) in mm	200 X 410 X 467 (42 AH battery)	
Net weight in kg	23 / 29	36.5
Environmental conditions		
Operating temperature	0 °C to 40 °C	0 °C to + 40 °C
Protection index	IP 20	
Relative humidity (%)	0% to 90% relative humidity (Non – condensing)	0% to 95% (Non-condensing)
Storage temperature	-10 °C to +50 °C	
Noise level at 1 m (dBA)	< 40 dBA	
Safety	IS 16242(Part1):2014 / IEC 62040-1:2008	

Note: Specifications are subject to change without prior notice. Tolerance level - +/- 3% for dimension and weight

SINGLE PHASE UPS

ONFINITI 1-3 kVA

A true online double conversion UPS, Onfiniti Plug N Play UPS is designed with IGBT based rectifier and in-built batteries to provided extended backup. It offers maximum real power with easy user interface and a compact footprint.



FEATURES

- In-built battery
- Temperature compensated charger
- Smart air flow
- CE & RoHS certified
- Over voltage cut-off device
- ECO mode
- Generator compatibility
- BIS compliant

APPLICATIONS



Home theatre



Gaming consoles



Home automation



POS terminals



Computers



Biometrics



Sensors and alarms

SPECIFICATIONS

Parameters	1 kVA	2 kVA	3 kVA	1 kVA	2 kVA	3 kVA
Output power capacity	800 W	1600 W	2400 W	800 W	1600 W	2400 W
Technology	On-line, double conversion, VFI-SS-111					
Waveform	Sinusoidal					
Display	LCD display					
Input characteristics						
Input voltage	230 VAC					
Input frequency range	50-60 Hz \pm 5% auto sensing					
Input voltage range	160 V - 300 VAC					
	110 V- 300 VAC @ 60% load					
THD of input current	< 10% at full linear load and normal voltage					
Input power factor	\geq 0.99 (with full linear load)					
Input connection	IS 1293 power cord 6 A	Terminal block				
Output characteristics						
Outlets	1 x India type 6 Amps, Terminal block (1 KL)	2 x India type 6 Amps, Terminal block (2 KL & 3 KL)	1 x India type 6 Amps, Terminal block (1 KL)	2 x India type 6 Amps, Terminal block (2 KL & 3 KL)		
Output voltage	230 VAC (adjustable to 220/230/240 VAC) \pm 1%					
Output frequency	50 / 60 Hz \pm 0.1Hz					
Frequency synchronisation	47.5 to 52.5Hz					
Crest factor	3:1					
THD of output voltage	< 3% at full linear load					
	< 5% at full non-linear load					
AC-AC efficiency*	Up to 90%					
ECO mode	Up to 97%					
Converter mode	Available					
Configurable bypass	Available					
Overload capacity	105 - 110% 10 mins, 111 - 130% 1 mins					
Batteries and battery charger characteristics						
Number of batteries	3	8	3	6		
Battery capacity**	7 AH / 9 AH			18 AH / 28 AH		
Rated battery voltage	36 VDC	96 VDC	36 VDC	72 VDC		
Recharge time (to 90%)	4 hours					
Communication and management						
Communications ports	RS232 and USB					
Connector for network interface	Optional - SNMP/MODBUS/Dry contacts					
Mechanical characteristics						
Dimensions for IB (WxHxD) in mm	190 x 435 x 335	190 x 465 x 465	190 x 495 x 465	190 x 710 x 595		
Net weight in kg	17	37	37	77		
Environmental conditions						
Operating temperature	0 °C to 40 °C					
Protection index	IP 20					
Relative humidity (%)	0% to 95% (non-condensing)					
Storage temperature	-10 °C to 50 °C					
Noise level at 1 m (dBA)	\leq 50 dBA					
Safety	IS 16242(Part1):2014 / IEC 62040-1:2008					

Note:

* For detailed efficiency, refer data sheet. ** 18 AH / 28 AH UPS requires minimum installation support

Specifications are subject to change without prior notice. Tolerance level - +/- 3% for dimension and weight

VALURA 1-3 kVA

Valura UPS is a true double-conversion online single-phase UPS in the 1-3 kVA range, with an In-built battery (IBB). It is a dependable power backup solution for even the most demanding environments, with a power factor of >0.9, <10% THDi, and Constant current & Constant voltage charger. Valura is PEP certified and is suitable for a wide range of critical industry equipment, including workstations, ATMs, cash recyclers, POS systems, security surveillance equipment, and network accessories.



FEATURES

- Power factor >0.9
- Generator compatibility
- Battery mode start-up
- Quick charging
- Auto restart facility
- Flame retardant cabinet
- ECO mode
- Constant current & Constant voltage charger
- Upto 40°C operating temperature
- In-built battery

SEGMENTS



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TOP **3** UPS
COMPANIES
IN INDIA

UNDISPUTED
LEADER* IN **30**
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YEARS

SPECIFICATIONS

PARAMETERS		1KVA	2KVA	3 KVA
Topology		True online double conversion UPS		
Output power capacity		800 W	1600 W	2400 W
INPUT				
Phase		Single phase		
Voltage range	Low line transfer	160 VAC/ 140 VAC/ 120 VAC/ 110 VAC ±5% [Ambient temperature <35 °C] (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)		
	Low line comeback	175 VAC/ 155 VAC/ 135 VAC/ 125 VAC ± 5 % [Ambient temperature <35 °C] (based on load percentage 100%-80 %/ 80%-70% /70-60%/ 60%-0)		
	High line transfer	300 VAC ± 5 %		
	High line comeback	290 VAC ± 5 %		
Frequency range		40Hz ~ 70 Hz		
Power factor		≥ 0.9 @ nominal voltage (input voltage)		
OUTPUT				
Output voltage		200/208/220/230/240 VAC		
AC voltage regulation		±1% (Battery mode)		
Frequency range		47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized range)		
Frequency range (Battery mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz		
Overload		Ambient temperature <35 °C 105%~110%: UPS shuts down after 10 minutes in battery mode or transfers to bypass when the utility is normal 110%~130%: UPS shuts down after 1 minute in battery mode or transfers to bypass when the utility is normal >130%: UPS shuts down after 3 seconds in battery mode or transfers to bypass when the utility is normal		
Current crest ratio		3:1		
Harmonic distortion		≤ 3 % THD (linear load); ≤ 6 % THD (non-linear load)		
Transfer time	AC mode to battery mode	Zero		
	Inverter to bypass	4 ms (Typical)		
Waveform (Battery mode)		Pure sinewave		
BATTERY				
Standard In-built battery model	Battery type	12V-7 AH/9 AH		
	Number of batteries	2	4	6
	Battery voltage	24 VDC	48 VDC	72 VDC
	Recharge time	4 hours to recharge upto 90% capacity (Typical)		
	Charging current	1.0 A (max.)		
	Charging voltage	27.4 VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%
PHYSICAL				
Standard model	Dimension D X W X H (in mm)	282 X 145 X 220	397 X 145 X 220	421 X 190 X 318
	Net weight (kgs)	9.8	17	26.2
ENVIRONMENT				
Operation humidity		20-90 % RH @ 0- 40 °C (non-condensing)		
Noise level		< 50 dBA @ 1 meter		
MANAGEMENT				
Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix and MAC		
Optional SNMP		Power management from SNMP manager and web browser		

Note :

Derate capacity to 80% of capacity in frequency converter mode or when the output voltage is adjusted to 200/208 VAC.
Product specifications are subject to change without further notice.

Head Office

10th Floor, Prestige Center Court,
Office Block, Vijaya Forum Mall, 183,
N.S.K Salai, Vadapalani,
Chennai - 600 026.
Phone: +91 44 4656 5555

Regional Offices

New Delhi

B-225, Okhla Industrial Area,
4th Floor, Phase-1,
New Delhi - 110 020.
Phone: +91 11 2699 0028

Kolkata

Bhakta Tower, Plot No. KB22,
2nd & 3rd Floor, Salt Lake City,
Sector - III, Kolkata - 700 098.
Phone: +91 33 4021 3535 / 3536

Mumbai

C/203, Corporate Avenue, Atul Projects,
Near Mirador Hotel, Chakala,
Andheri Ghatkopar Link Road,
Andheri (East), Mumbai - 400 099.
Phone: +91 22 3385 6201

Chennai

10th Floor, Prestige Center Court,
Office Block, Vijaya Forum Mall,
183, N.S.K Salai, Vadapalani,
Chennai - 600 026.
Phone: +91 44 3024 7236 / 200

Branch Offices

Chandigarh

SCO 4, First Floor, Sector 16,
Panchkula, Chandigarh - 134 109.
Phone: +91 93160 06215

Dehradun

Unit-1 and 2, Chakrata Road,
Vijay Park Dehradun - 248001.
Uttarakhand
Phone: +91 135 661 6111

Jaipur

Plot No. J-6, Scheme-12B,
Sharma Colony, Bais Godown,
Jaipur - 302 019.
Phone: +91 141 221 9082

Lucknow

209/B, 2nd Floor, Cyber Heights,
Vibhuti Khand, Gomti Nagar,
Lucknow - 226 018.
Phone: +91 93352 01364

Bhubaneswar

N-2/72 Ground Floor, IRC Village,
Nayapally, Bhubaneswar - 751 015.
Phone: +91 674 255 0760

Guwahati

House No 02,
Rajgarh Girls High School Road
(Behind Rajgarh Girls High School),
Guwahati - 781 007.
Phone: +91 361 245 0322/96000 87171

Patna

405, Fraser Road, Hemplaza,
4th Floor, Patna - 800 001.
Phone: +91 612 220 0657

Ranchi

202 & 203, 2nd Floor, Sunrise Forum,
Bardwan Compound, Lalpur, 2nd Floor,
Ranchi - 834 001.
Phone: +91 98300 62078

Ahmedabad

A-101/102, Mondeal Heights,
Beside Hotel Novotel, Near Iscon Circle,
S G Highway, Ahmedabad - 380 015.
Phone: +91 79 6134 0555

Bhopal

Plot No. 2, 221, 2nd Floor, Akansha Complex,
Zone-1, M.P.Nagar, Bhopal- 462 011.
Phone: +91 755 276 4202

Nagpur

Plot.No.174, H.No.4181/C/174, 1st Floor,
Loksewa Housing Society, Near Dr. Umathe
& Mokhare College, Bhamti Road,
Loksewa Nagar, Nagpur - 440 022.
Phone: +91 712 228 6991 / 228 9668

Pune

Pinacle 664 park avenue, 8th floor,
Plot no 102+103, CTS No. 66/4,
Final, 4, Law College Rd, Erandwane,
Pune, Maharashtra - 411 004.
Phone: +91 98225 36680

Bengaluru

No-58, First Floor, Firoze White Manor,
Bowring Hospital Road,
Shivajinagar, Bangalore -560 001.
Phone: +91 80 6822 0000

Coimbatore

No. B-15, Thirumalai Towers, No. 723,
1st Floor, Avinashi Road, Coimbatore - 641 018.
Phone: +91 422 420 4018

Hyderabad

Prestige Phoenix Building,
1st Floor, Survey no. 199,
No. 6-3-1219/J/101 & 102, Uma Nagar,
Opposite to Begumpet Metro Station
Begumpet 500016
Phone: +91 40 4567 1717/2341 4398/2341 4367


Kochi

Door No. 50/1107A9, JB Manjooran Estate,
3rd Floor, Bypass Junction,
Edappally, Kochi - 682 024.
Phone: +91 484 6604 710

Madurai

12/2, DSP Nagar,
Dinamalar Avenue,
Madurai - 625 016.
Phone: +91 452 260 4555

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Sales - enquiry.numeric@numericups.com
Service - support.numeric@numericups.com
Contact us.: 0484-3103266 / 4723266
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