

NUMERIC[®]

A Group brand | **legrand**[®]



HP Max

Single Phase UPS

1 - 20 kVA

**NEW ENERGY
TO POWER**



www.numericups.com

FEATURES

- Design power factor of 0.9
- Input galvanic isolation transformer
- Solar compatible
- Wide input voltage range
- RS232 interface
- Intelligent battery management
- Over voltage cut-off device
- Parallel upto 4 units

APPLICATION



Residential & SOHO



Commercial



Manufacturing



Healthcare



Infrastructure

WHY HP MAX



Easy user interface



Higher efficiency



Silent operation



Low cost of ownership



Compact footprint

WHY NUMERIC

35+
YEARS
OF EXPERTISE

WIDEST
SERVICE NETWORK
250+
DIRECT SERVICE CENTRES

PRODUCT RANGE FROM
600VA TO
21MW

1 MILLION +
UPS
ACTIVE
INSTALLATION BASE

1800+
EMPLOYEES

UNDISPUTED
LEADER* IN **27**
LI & 1P FOR CONSECUTIVE YEARS

*Source : Softdisk; LI - Line Interactive, 1P - Single Phase

TECHNICAL SPECIFICATION

CAPACITY	1 kVA	2 kVA	3 kVA	5 kVA	6 kVA	7.5 kVA	10 kVA	7.5 kVA	10 kVA	15 kVA	20 kVA
	0.9 kW	1.8 kW	2.7 kW	4.5 kW	5.4 kW	6.75 kW	9 kW	6.75 kW	9 kW	13.5 kW	18 kW
Parameter											
INPUT	Single Phase						Three Phase				
Phase	Single phase with ground (L-N-G)						Three phase with ground (R-Y-B-N-G)				
Voltage Range	110 VAC - 300 VAC (based on load percentage)						190 VAC-478 VAC (based on load percentage)				
Frequency	50/60 Hz (auto sensing)										
Power Factor	*>0.99, ≥0.95 (above 25% load)										
THDi	<5% with full load ⁽¹⁾										
BYPASS											
Voltage Range	200 VAC ⁽²⁾ / 208 VAC ⁽²⁾ / 220 VAC / 230 VAC / 240 VAC										
Frequency Range	45-55 Hz / 55-65 Hz										
OUTPUT											
Design PF	0.9										
Voltage	200 VAC ⁽²⁾ / 208 VAC ⁽²⁾ / 220 VAC / 230 VAC / 240 VAC										
Voltage Regulation	+/-1%										
Frequency	50/60 Hz+/-0.1 Hz (free running mode)										
Synchronization Range	45-55 Hz / 54-66 Hz ⁽³⁾					46-54 Hz / 54-66 Hz ⁽³⁾					
Voltage Distortion	≤2% (linear load)										
	≤5% (non-linear load)										
Output Waveform	Pure sine wave										
Crest Factor	3:1										
Efficiency (AC - AC)	Up to 90%			Up to 93%				Up to 94%			
OVERLOAD	1 - 3 kVA			5 - 10 kVA				7.5 - 20 kVA			
	110% - 10 min			125% - 10 min				110% - 5 min			
	130% - 1 min			150% - 1 min				130% - 1 min			
	150% - 10 sec							150% - 10 sec			
BATTERY											
Battery Type	Sealed Lead Acid Maintenance Free, Lead Acid Tubular (battery AH and quantity depending on backup time)										
DC Voltage	36 V DC	96 V DC	240 V DC				288 V DC				
Charger	Built-in solid state three stage recharge (constant current, constant voltage with float charge) and with temperature compensation										
Parallel Function (optional)											
GENERAL											
Operating Temperature	0 to 45 deg. C										
Noise Level	50 dB at 1 meter				<55 dB at 1 meter						
Display & Indication	LCD display										
Status LED	Normal mode			Load on battery			Load on bypass			System fault	
Audible Alarm	Mains failure alarm, Low battery alarm, UPS warning, Overload, Fault & Bypass mode.										
COMMUNICATION INTERFACE											
Standard	RS 232 / USB port for software interface (any one can be used at a time)										
Intelligent Slot	For SNMP (optional)										
Dim (mm) & Wt (kg)											
Weight	7**/27	18**/39	19**/44	45	58	60	70	120	140	165	175
Floor Model (W x D x H) without Galvanic Isolation	145 X 460 X 235	193 X 465 X 347		322 X 660 TX 820		322 X 700 X 820		352 X 690 X 985		352 X 660 X 1090	
Floor Model (W x D x H) with Galvanic Isolation	203 X 450 X 390	223 X 465 X 600		322 X 660 X 820		322 X 700 X 820		352 X 690 X 985		352 X 660 X 1090	

Note : As standard specifications and design change from time to time, please ask for confirmation of information given in this publication.

1. Source vTHD must be <2% (with nominal input 230 V)
2. Derate to 90% with 200 & 208 VAC output voltage
3. Output frequency is synchronized with bypass source. If bypass source. the output frequency of UPS will go to free-run mode.

* At Nominal input voltage | Product specifications are subject to change without prior notice.

**Without Isolation Transformer.

Head Office

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

Regional Offices

New Delhi

A 25, 1st Floor, Mohan Co-Operative
Industrial Estate, Mathura Road,
New Delhi - 110 044.
Phone : +91 11 26990028 / 29 / 30

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

First Floor, Plot No. 1 & 2,
(679/1) Vijay Park Colony, Main Chakrata Rd,
Dehradun -248 001.
Phone : +91 135 272 9649

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 0322/245 1987

Patna

204, Fraser Road, Hemplaza,
2nd Floor, Patna - 800 001.
Phone : +91 612 220 0657

Ranchi

202 & 203, Bardwan Compound,
Lalpur, 2nd Floor, Ranchi - 834 001.
Phone : +91 651 221 4071

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

Nagpur

Plot No.173, Ground Floor,
Utkarsh Ashwini Appts, RPTS Road,
Laxmi Nagar, Nagpur - 440 022.
Phone : +91 712 228 6991 / 228 9668

Pune

302, 3rd Floor, Swastik Chambers,
Above ICICI Bank, Off Karve Road,
Erandwane, Pune - 411 004.
Phone : +91 84 5201 4036

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, 4th Floor, Avinashi Road,
Coimbatore - 641 018.
Phone : +91 422 420 4018

Hyderabad

No. 205-208, 2nd Floor,
Block 2, White House Kundan Bag,
Begumpet, Hyderabad - 500 016.
Phone : +91 40 4567 1732

Kochi

Door No. 50/1107A9,
JB Manjooran Estate, 3rd Floor,
Bypass Junction, Edappally,
Kochi - 682 024.
Phone : +91 484 2801 921

Madurai

Door. No.1,
Pillayar Koil Street, S.S.Colony,
Madurai - 625 016.
Phone : +91 452 260 4555

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Sales - enquiry.numeric@numericups.com
Service - support.numeric@numericups.com
TOLL FREE No.: 1800 425 3266
www.numericups.com