

NUMERIC[®]

A Group brand | **legrand**[®]



#CompactImpact



**NEW ENERGY
TO POWER**

ONFINITI+

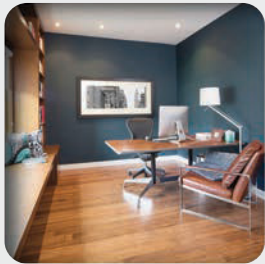
1 - 10 kVA
Single Phase UPS

www.numericups.com

FEATURES

- Compact footprint
- Intuitive LCD display
- Wide input voltage range
- Efficiency Up to 94%
- Inbuilt galvanic isolation transformer (optional)
- Solar & generator compatible

SEGMENTS



Residential & SOHO



Commercial



Healthcare



Infrastructure



Education

WHY ONFINITI+



High Reliability



Easy user interface



Network management



Low cost of ownership



Over voltage protection

WHY NUMERIC

35+
YEARS OF EXPERTISE

WIDEST
SERVICE NETWORK
250+
DIRECT SERVICE CENTRES

PRODUCT RANGE FROM
24VA TO
21MW

1 MILLION +
UPS
ACTIVE
INSTALLATION BASE

1500+
EMPLOYEES

2 WORLD
CLASS
MANUFACTURING UNITS

TOP **3** UPS
COMPANIES
IN INDIA

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

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

TECHNICAL SPECIFICATIONS

ONFINITI⁺ 1-10kVA FM Specification

PARAMETERS	1 KVA	2 KVA	3 KVA	5 KVA	6 KVA	7.5 KVA	10 KVA
Output power capacity	800 W	1600 W	2400 W	4000	4800	6000	8000
PID	NU 72 01 701	NU 72 01 703 NU 72 01 705	NU 72 01 707 NU 72 01 709	NU 72 01 715	NU 72 01 711	NU 72 01 717	NU 72 01 713
Technology	On-line, double conversion, VFI-SS-111						
OVCD	Available						
Waveform	Sinusoidal						
Display Panel	LCD display			LCD display + LED panel			
INPUT CHARACTERISTICS							
Input voltage	230 VAC						
Input frequency range	50-60 Hz ± 8% auto sensing						
Input voltage range	160 V - 300 VAC @ 100% load ± 5%			176 V - 300 VAC @ 100% load ± 3%			
	110 V- 300 VAC @ 60% load ± 5%			110 V- 300 VAC @ 50% load ± 3%			
THD of input current	< 10% at full linear load and normal voltage			< 15% at full linear load and normal voltage	< 7% at full linear load and normal voltage	< 18% at full linear load and normal voltage	< 7% at full linear load and normal voltage
Input Power factor	≥ 0.99 (with full linear load)						
Connection	IEC Inlet	IEC Inlet	Terminal block	Terminal block	Terminal block	Terminal block	Terminal block
OUTPUT CHARACTERISTICS							
Outlets	3 x India Type 6 Amps	4 x India Type 6 Amps	4 x India Type 6 Amps, Terminal Block	Terminal block	Terminal block	Terminal block	Terminal block
Output voltage	230 VAC (adjustable to 220/230/240 VAC) ± 1%						
Output frequency	50 / 60 Hz ± 0.1 Hz						
Frequency synchronisation	46 to 54 Hz						
Crest factor	03:01						
THD of output voltage	< 3% at full linear load						
	< 5% at full non-linear load						
AC-AC Efficiency*	≥87% @ 100% Load	≥88% @ 100% Load	≥90% @ 100% Load	≥90% @ 100% Load	≥92% @ 100% Load	≥92% @ 100% Load	≥93% @ 100% Load
ECO mode	97%			Not Available			
Converter mode	Available						
Configurable bypass	Available						
Overload capacity in Line Mode	105 - 110% 10 mins, 111 - 130% 2 mins, 131 - 150% 30 sec			105 - 130% 30 mins, 131 - 150% 5 mins, >150% 10 sec	105 - 110% 30 mins, 111 - 130% 5 mins, 131 - 150% 10 sec	105 - 140% 30 mins, 141 - 170% 5 mins, >170 % 10 sec	105 - 110% 30 mins, 111 - 130% 5 mins, 131 - 150% 10 sec
Overload capacity in Battery mode	105 - 110% 10 mins, 111 - 130% 1 mins, 131 - 150% 3 sec			105 - 130% 3 mins, 131 - 150% 30 secs, >150% 3 sec	105 - 110% 3 mins, 111 - 130% 30 secs, 131 - 150% 3 sec	105 - 140% 3 mins, 141 - 170% 30 sec, >170 % 10 sec	105 - 110% 3 mins, 111 - 130% 30 secs, 131 - 150% 3 sec
BATTERIES AND BATTERY CHARGER CHARACTERISTICS							
Number of batteries	3	6 or 8		16/17/18/19/20			
Battery capacity	Depending on the capacity of external batteries						
Battery type	VRLA/Tubular / Lithium-Ion						
Rated Battery Voltage	36 VDC	72 VDC or 96 VDC		192/204/216/228/240 VDC			
Battery Charging current	10A default ± 1 0% (1A / 2A/5A/10A Selectable)			4A default ± 10% (1A/2A/4A Selectable)			
Recharge time (to 90%)	9 hours						
COMMUNICATION AND MANAGEMENT							
Communications ports	RS232 and USB						
Connector for network interface	Optional -SNMP/MODBUS/Dry Contacts						
MECHANICAL CHARACTERISTICS							
Dimensions for FM (W x D x H) in mm	145 x 290 x 225	145 x 397 x 238		190 x 400 x 336	190 x 400 x 336	190 x 475 x 336	190 x 475 x 336
Net weight in kg (FM)	4.9	7.9	8.3	12	12	16	16
ENVIRONMENTAL CONDITIONS							
Operating temperature	0 °C to + 40 °C			0 °C to + 50 °C	0 °C to + 50 °C	0 °C to + 40 °C	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)	< 50 dBA			< 55 dBA	< 55 dBA	< 58 dBA	< 58 dBA
REFERENCE DIRECTIVE AND STANDARDS							
Safety	IEC 62040-1 & IS 16242 (Part1) : 2014						
EMC	IEC 62040-2						
Performance and test requirements	IEC 62040-3						
Other compliance	CE, RoHS, PEP			RoHS, PEP	CE, RoHS, PEP	RoHS, PEP	CE, RoHS, PEP

*Note- For detailed efficiency refer data sheet

TECHNICAL SPECIFICATIONS

ONFINITI⁺ 1-10kVA FMI Specification

PARAMETERS	1 KVA	2 KVA	3 KVA	5 KVA	6 KVA	7.5 KVA	10 KVA	
Output power capacity	800 W	1600 W	2400 W	4000	4800	6000	8000	
PID	NU 72 01 702	NU 72 01 704 NU 72 01 706	NU 72 01 708 NU 72 01 710	NU 72 01 716	NU 72 01 712	NU 72 01 718	NU 72 01 714	
Technology	True on-line, double conversion, VFI-SS-111							
OVCD	Available							
Waveform	Sinusoidal							
Display Panel	LCD display			LCD display + LED panel				
INPUT CHARACTERISTICS								
Input voltage	230 VAC							
Input frequency range	50-60 Hz ± 8% auto sensing							
Input voltage range	160 V - 300 VAC @ 100% load ± 5%			176 V - 300 VAC @ 100% load ± 3%				
	110 V- 300 VAC @ 60% load ± 5%			110 V- 300 VAC @ 50% load ± 3%				
THD of input current	< 10% at full linear load and normal voltage			< 15% at full linear load and normal voltage	< 7% at full linear load and normal voltage	< 18% at full linear load and normal voltage	< 7% at full linear load and normal voltage	
Input Power factor	≥ 0.99 (with full linear load)							
Connection	IEC Inlet	IEC Inlet	Terminal block	Terminal block	Terminal block	Terminal block	Terminal block	
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Outlets	3 x India Type 6 Amps	4 x India Type 6 Amps	4 x India Type 6 Amps, Terminal Block	Terminal block	Terminal block	Terminal block	Terminal block	
Output voltage	230 VAC (adjustable to 220/230/240 VAC) ± 2%							
Output frequency	50 / 60 Hz ± 0.1 Hz							
Frequency synchronisation	46 to 54 Hz							
Crest factor	03:01							
THD of output voltage	< 3% at full linear load							
	< 5% at full non-linear load							
AC-AC efficiency*	≥80% @ 100% Load	≥83% @ 100% Load	≥84% @ 100% Load	≥85% @ 100% Load	≥87% @ 100% Load	≥85% @ 100% Load	≥87% @ 100% Load	
ECO mode	97%			Not Available				
Converter mode	Available							
Configurable bypass	Available							
Overload capacity in Line Mode	105 - 110% 10 mins, 111 - 130% 2 mins, 131 - 150% 30 sec			105 - 130% 30 mins, 131 - 150% 5 mins, >150% 10 sec	105 - 110% 30 mins, 111 - 130% 5 mins, 131 - 150% 10 sec	105 - 140% 30 mins, 141 - 170% 5 mins, >170 % 10 sec	105 - 110% 30 mins, 111 - 130% 5 mins, 131 - 150% 10 sec	
Overload capacity in Battery mode	105 - 110% 10 mins, 111 - 130% 1 mins, 131 - 150% 3 sec			105 - 130% 3 mins, 131 - 150% 30 secs, >150% 3 sec	105 - 110% 3 mins, 111 - 130% 30 secs, 131 - 150% 3 sec	105 - 140% 3 mins, 141 - 170% 30 sec, >170 % 10 sec	105 - 110% 3 mins, 111 - 130% 30 secs, 131 - 150% 3 sec	
BATTERIES AND BATTERY CHARGER CHARACTERISTICS								
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Rated Battery Voltage	36 VDC	72 VDC or 96 VDC		192/204/216/228/240 VDC				
Battery Charging current	10A default ± 10% (1A / 2A/5A/10A selectable)			4A default ± 10% (1A/2A/4A selectable)				
Recharge time (to 90%)	9 hours							
COMMUNICATION AND MANAGEMENT								
Communications ports	RS232 and USB							
Connector for network interface	Optional -SNMP/MODBUS/Dry Contacts							
MECHANICAL CHARACTERISTICS								
Dimensions for FMI (W x D x H) in mm	145 x 290 x 458	145 x 397 x 458		190 x 475 x 596	190 x 475 x 596	190 x 475 x 596	190 x 475 x 596	
Net weight in kg (FMI)	26	35	36	59	59	62	62	
ENVIRONMENTAL CONDITIONS								
Operating temperature	0 °C to +40 °C			0 °C to +50 °C	0 °C to +50 °C	0 °C to +40 °C	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)	< 50 dBA			< 55 dBA	< 55 dBA	< 58 dBA	< 58 dBA	
REFERENCE DIRECTIVE AND STANDARDS								
Safety	IEC 62040-1 & IS 16242 (Part1): 2014							
EMC	IEC 62040-2							
Performance and test requirements	IEC 62040-3							
Other compliance	CE, RoHS, PEP			RoHS, PEP	CE, RoHS, PEP	RoHS, PEP	CE, RoHS, PEP	

*Note- For detailed efficiency refer data sheet

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 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 +20 6729 5624

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

NUMERIC®

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