

**NUMERIC**<sup>®</sup>

A Group brand | **legrand**<sup>®</sup>



**#CompactIsImpact**



**ONFINITI<sup>+</sup>**  
1 - 10 kVA  
Single Phase UPS

**NEW ENERGY  
TO POWER**



[www.numericups.com](http://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**<sup>TO</sup>  
**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<sup>+</sup> 1-10kVA FM Specification

PARAMETERS	1 KVA	2 KVA	3 KVA	6 KVA	10 KVA
Output power capacity	800 W	1600 W	2400 W	4800 W	8000 W
Technology	Online, double conversion, VFI-SS-111				
OVCD	Available				
Waveform	Sinusoidal				
Display panel	LCD display			LCD display + LED panel	
<b>INPUT CHARACTERISTICS</b>					
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			< 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
<b>OUTPUT CHARACTERISTICS</b>					
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
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	3:1				
THD of output voltage	< 3% at full linear load				
	< 5% at full non-linear load				
AC-AC efficiency*	Up to 87% @ 100% Load	Up to 88% @ 100% Load	Up to 90% @ 100% Load	Up to 92% @ 100% Load	Up to 93% @ 100% Load
ECO mode efficiency	Yes, 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 - 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 - 110% 3 mins, 111 - 130% 30 secs, 131 - 150% 3 sec	
<b>BATTERIES AND BATTERY CHARGER CHARACTERISTICS</b>					
Number of batteries	3	6 or 8		16/17/18/19/20	
Battery compatibility	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 (1A/ 2A/5A/10A Selectable)			4A default (1A/2A/4A Selectable)	
Recharge time (to 90%)	9 hours				
<b>COMMUNICATION AND MANAGEMENT</b>					
Communication ports	RS232 and USB				
Connector for network interface	SNMP/MODBUS/Dry contacts - Optional				
<b>MECHANICAL CHARACTERISTICS</b>					
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 475 x 336
Net weight in kg (FM)	4.9	7.9	8.3	12	16
<b>ENVIRONMENTAL CONDITIONS</b>					
Operating temperature	0 °C to +40 °C			0 °C to +50 °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	< 58 dBA
<b>REFERENCE DIRECTIVE AND STANDARDS</b>					
Safety	IEC 62040-1 & IS 16242 (Part1) : 2014				
EMC	IEC 62040-2				
Performance and test requirements	IEC 62040-3				
Other compliance	CE, RoHS				

\*Note- For detailed efficiency, please refer data sheet

## TECHNICAL SPECIFICATIONS

### ONFINITI<sup>+</sup> 1-10kVA FMI Specification

PARAMETERS	1 KVA	2 KVA	3 KVA	6 KVA	10 KVA
Output power capacity	800 W	1600 W	2400 W	4800 W	8000 W
Technology	Online, double conversion, VFI-SS-111				
OVCD	Available				
Waveform	Sinusoidal				
Display panel	LCD display			LCD display + LED panel	
<b>INPUT CHARACTERISTICS</b>					
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			< 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
<b>OUTPUT CHARACTERISTICS</b>					
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
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	3:1				
THD of output voltage	< 3% at full linear load				
	< 5% at full non-linear load				
AC-AC efficiency*	Up to 80% @ 100% Load	Up to 83% @ 100% Load	Up to 84% @ 100% Load	Up to 87% @ 100% Load	Up to 87% @ 100% Load
ECO mode efficiency	Yes, 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 - 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 - 110% 3 mins, 111 - 130% 30 secs, 131 - 150% 3 sec	
<b>BATTERIES AND BATTERY CHARGER CHARACTERISTICS</b>					
Number of batteries	3	6 or 8		16/17/18/19/20	
Battery compatibility	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 (1A/ 2A/5A/10A Selectable)			4A default (1A/2A/4A Selectable)	
Recharge time (to 90%)	9 hours				
<b>COMMUNICATION AND MANAGEMENT</b>					
Communication ports	RS232 and USB				
Connector for network interface	SNMP/MODBUS/Dry contacts - Optional				
<b>MECHANICAL CHARACTERISTICS</b>					
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
Net weight in kg (FMI)	26	35	36	59	62
<b>ENVIRONMENTAL CONDITIONS</b>					
Operating temperature	0 °C to +40 °C			0 °C to +50 °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	< 58 dBA
<b>REFERENCE DIRECTIVE AND STANDARDS</b>					
Safety	IEC 62040-1 & IS 16242 (Part1) : 2014				
EMC	IEC 62040-2				
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Other compliance	CE, RoHS				

\*Note- For detailed efficiency, please refer data sheet