

ONLINE UPS

RELIABLE POWER BACKUP
FOR CRITICAL INFRASTRUCTURE



Voltify II Rackmount/Rack Tower



True Double
Conversion



DSP
Technology



Parallel
Operation



ECO Mode &
High Efficiency



LCD Display &
EPO Function

SPECIFICATION

MODEL	Voltify II RM 1K (E)		Voltify II RM1.5 (E)		Voltify II RM 2K (E)		Voltify II RM 3K (E)		
PHASE	Single phase with ground								
CAPACITY*	1000 VA / 900 W		1500 VA / 1350 W		2000 VA / 1800 W		3000 VA / 2700 W		
INPUT									
Nominal Voltage	100*/110*/115*/120 /127 VAC or 200/208/220/230/240 VAC								
Voltage Range	55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% load 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% load								
Frequency Range	40 Hz ~ 70 Hz								
Power Factor	≥ 0.99 @ nominal voltage (100% load)								
THDi	≤ 5% @ nominal input voltage								
OUTPUT									
Output Voltage	100*/110*/115*/120/127 VAC or 200/208/220/230/240 VAC								
AC Voltage Regulation (Batt. Mode)	± 1%								
Frequency Range (Synchronized Range)	57 ~ 63 Hz or 47 ~ 53 Hz								
Frequency Range (Batt. Mode)	60Hz ± 0.1Hz or 50 Hz ± 0.1Hz								
Current Crest Ratio	3:1 (max.)								
Harmonic Distortion	≤ 2 % THD (Linear Load); ≤ 4 % THD (Non-linear Load)								
Transfer Time	AC Mode to Batt. Mode		Zero						
	Inverter to Bypass		4 ms (Typical)						
Waveform (Batt. Mode)	Pure Sinewave								
EFFICIENCY									
AC Mode	90%		90%		91%		91%		
ECO Mode	97%		97%		97%		97%		
Battery Mode	88%	89%	89%		88%	89%	90%		
BATTERY									
Standard Model	Battery Type	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah		
	Numbers	2	3	3	4	6	6		
	Typical Recharge Time	4 hours recover to 90% capacity							
	Charging Current (max.)	1.5A**							
	Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%	82.1 VDC ± 1%		
Long-run Model	Battery Type	Depending on the capacity of external batteries							
	Numbers	2	3	3	4	6	6		
	Charging Current (max.)	1A/2A/4A/8A (Selectable via LCD setting)							
	Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%	82.1 VDC ± 1%		
INDICATORS									
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions								
ALARM									
Battery Mode	Sounding every 5 seconds								
Low Battery	Sounding every 2 seconds								
Overload	Sounding every second								
Fault	Continuously sounding								
PHYSICAL									
Standard Model	Dimension, D x W x H (mm)	410 x 438 x 88		410 x 438 x 88		510 x 438 x 88		630 x 438 x 88	
	Net Weight (kgs)	11.6	14.2	14.5		19.5	26.9		27.4
Long-run Model	Dimension, D x W x H (mm)	410 x 438 x 88		410 x 438 x 88		410 x 438 x 88		510 x 438 x 88	
	Net Weight (kgs)	6.4		6.5		6.5		10.5	
ENVIRONMENT									
Humidity	20-90 % RH @ 0- 40°C (non-condensing)								
Noise Level	Less than 50dB @ 1 Meter								
MANAGEMENT									
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux and MAC								
Optional SNMP	Power management from SNMP manager and web browser								

*Derate capacity to 95% when the output voltage is adjusted to 115VAC, derate capacity to 90% when the output voltage is adjusted to 110VAC and derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.

**If standard UPS is equipped with additional charger, the available setting options become 2A, 3A and 4A.

ESIS Power Energy reserves the right to modify these details at any time without prior notification.