

ONLINE UPS

RELIABLE POWER BACKUP
FOR CRITICAL INFRASTRUCTURE



Voltify III 1 KA-3KVA



True Double
Conversion



DSP
Technology



Parallel
Operation



ECO Mode &
High Efficiency



LCD Display &
EPO Function

SPECIFICATION

MODEL	Voltify III 1K - 2B	Voltify III 1K - 3B	Voltify III 1.5K	Voltify III 2K - 4B	Voltify III 2K - 6B	Voltify III 3K
PHASE	Single phase with ground					
CAPACITY*	1000 VA / 1000 W		1500 VA / 1500 W	2000 VA / 2000 W		3000VA / 3000W
INPUT						
Nominal Voltage	200*/208*/220/230/240 VAC					
Input Voltage Range	110 ~ 300 VAC (Based on load at 50%) ; 160 ~ 300 VAC (Based on load at 100%)					
Frequency Range	40 Hz ~ 70 Hz					
Power Factor	≥ 0.99 @ nominal voltage (100% load)					
THDi	≤ 5% @ nominal voltage (100% load)					
OUTPUT						
Output Voltage	200*/208*/220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)	± 1 %					
Frequency Range (Synchronized Range)	47 ~ 53 Hz or 57 ~ 63 Hz					
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz (60Hz ± 0.1 Hz)					
Current Crest Ratio	3:1					
Harmonic Distortion	≤ 2 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)					
Transfer Time	AC to DC	Zero				
	Inverter to Bypass	4 ms (Typical)				
	ECO to Battery mode	8 ms (Typical), 10 ms(max)				
Waveform (Batt. Mode)	Pure Sinewave					
EFFICIENCY						
ECO mode @ full charged battery	96%		97%	97%		
AC Mode @ full charged battery	92%		92%	93%		94%
Battery Mode	86%	89%	89%	88%	89%	91%
BATTERY						
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 for internal battery					
Charging Current (CC)	1.5A					
Charging Voltage (FV)	27.4VDC ± 1%	41.0VDC ± 1%	41.0VDC ± 1%	54.8VDC ± 1%	82.2VDC ± 1%	82.2VDC ± 1%
INDICATORS						
LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator Via LCD					
PHYSICAL						
Dimension, D x W x H (mm)	282 x 145 x 220	397 x 145 x 220	397 x 145 x 220		421 x 190 x 318	421 x 190 x 318
Net Weight (kgs)	9.8	11.4	13.8	17	22.5	26.2
ENVIRONMENT						
Humidity	20-90 % RH @ 0 - 50°C (non-condensing)					
Noise Level	Less than 50dBA @ 1 Meter with Fan speed control					
MANAGEMENT						
Smart RS-232 or USB	Supports Windows® family, Linux, Unix and MAC					
Optional external Slot (for SNMP, Dry contact, ...)	Power management from SNMP manager and web browser					
STANDARD						
EMC/Safety	CE (EMC: EN62040-2 C2)					

* Derate capacity to 80% when the output voltage is adjusted to 200VAC/208VAC.

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