

ONLINE UPS

RELIABLE POWER BACKUP
FOR CRITICAL INFRASTRUCTURE



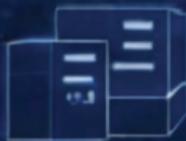
Voltify Pro Value



True Double
Conversion



DSP
Technology



Parallel
Operation



ECO Mode &
High Efficiency



LCD Display &
EPO Function

SPECIFICATION

MODEL	Votify Pro Value 1K(L)		Votify Pro Value 2K(L)		Votify Pro Value 3K(L)			
PHASE	Single phase with ground							
CAPACITY*	1000 VA / 800 W		2000 VA / 1600 W		3000 VA / 2400 W			
INPUT								
Nominal Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC							
Input Voltage Range	55-150 VAC or 110-300 VAC (Based on load at 50%) 85-140VAC or 160-280VAC (Based on load at 100%)							
Frequency Range	40 Hz ~ 70 Hz							
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)							
OUTPUT								
Output Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC							
Voltage Regulation	± 1 %							
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz							
Frequency Range (Batt. Mode)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz							
Current Crest Ratio	3:1							
Harmonic Distortion	≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)							
Transfer Time	AC Mode to Battery Mode	Zero						
	Inverter to Bypass	4 ms (Typical)						
Waveform (Batt. Mode)	Pure Sinewave							
EFFICIENCY								
AC Mode	88%		88%		90%			
Battery Mode	83%		85%		88%			
BATTERY								
Standard Model	Battery Type	12 V / 9 Ah		12 V / 9 Ah		12 V / 9 Ah		
	Numbers	2		4		6		
	Typical Recharge Time	4 hours recover to 90% capacity						
	Charging Current (max.)	1 A						
	Charging Voltage	27.4VDC ± 1%		54.7 VDC ±1%		82.1 VDC ±1%		
Long-run Model**	Battery Type	Depending on the capacity of external batteries						
	Numbers	2	3	4	6	8	6	8
	Charging Current (max.)	1A/2A/4A/6A (Adjustable)						
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	109.4VDC ±1%	82.1 VDC ±1%	109.4VDC ±1%
INDICATORS								
LED	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators							
ALARM								
Battery Mode	Sounding every 4 seconds							
Low Battery	Sounding every second							
Overload	Sounding twice every second							
Fault	Continuously sounding							
PHYSICAL								
Standard Model	Dimension, D x W x H(mm)	282 x 145 x 220		397 x 145 x 220		421 x 190 x 318		
	Net Weight (kgs)	9.8		17		27.6		
Long-run Model**	Dimension, D x W x H(mm)	282 x 145 x 220		397 x 145 x 220				
	Net Weight (kgs)	4.1		6.8		7.4		
ENVIRONMENT								
Humidity	20-90 % RH @ 0- 40°C (Non-condensing)							
Noise Level	Less than 50dB @ 1 Meter							
MANAGEMENT								
Smart RS-232	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC							

*Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC

**Long-run model is only available in 200/208/220/230/240VAC systems

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