

ONLINE UPS

RELIABLE POWER BACKUP
FOR CRITICAL INFRASTRUCTURE



Voltify Pro+

1KVA - 10KVA



True Double
Conversion



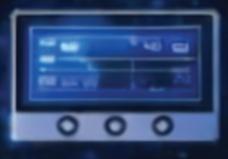
DSP
Technology



Parallel
Operation



ECO Mode &
High Efficiency



LCD Display &
EPO Function

Voltify Pro Rack Tower/Rackmount



VoltifyPro+ Rack Tower/Rackmount Online UPS Selection Guide

MODEL	Voltify Pro+ 1KR(L)	Voltify Pro+ 2KR(L)	Voltify Pro+ 3KR(L)	Voltify Pro+ 6KR(L)	Voltify Pro+ 10KR(L)						
PHASE	Single phase with ground										
CAPACITY *	1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W	6000VA / 5400W	10000 VA / 9000 W						
INPUT											
Nominal Voltage	110/115/120/127VAC or 208/220/230/240VAC			208/220/230/240VAC							
Input Voltage Range	60-145 VAC or 120-300 VAC (Based on load at 50%) 90-145 VAC or 180-300 VAC (Based on load at 100%)			110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)							
Frequency Range	40 Hz ~ 70 Hz			46~54 Hz or 56~64 Hz							
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)										
OUTPUT											
Output Voltage	110/115/120/127VAC or 208/220/230/240VAC			208/220/230/240VAC							
Voltage Regulation	± 1 %										
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz			46Hz ~ 54 Hz or 56Hz ~ 64 Hz							
Frequency Range (Batt. Mode)	50 Hz or 60Hz ± 0.5%			50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz							
Current Crest Ratio	3:1										
Harmonic Distortion	≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)			≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)							
Transfer Time	AC Mode to Battery Mode	Zero			0 ms						
	Inverter to Bypass	4 ms (Typical)			0 ms						
Waveform (Batt. Mode)	Pure Sinewave										
EFFICIENCY											
AC Mode	88%	89%	90%	92%	93%						
Battery Mode	83%	87%	88%	90%	91%						
BATTERY											
Standard Model	Battery Type	12 V / 9 Ah		12 V / 9 Ah	12 V / 9 Ah						
	Numbers	2	3	4	6	16	20	16	20		
	Typical Recharge Time	4 hours recover to 90% capacity				9 hours recover to 90% capacity					
	Charging Current (max.)	1 A									
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ± 1%	218.4 VDC ± 1%	273VDC ± 1%	218.4 VDC ± 1%	273VDC ± 1%		
Long-run Model **	Battery Type	Depending on applications									
	Numbers	3		6		6		16 ~ 20 (Adjustable)			
	Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A				1A/2A/4A/6A (Adjustable, 6A is only available for 16 pcs batteries)					
	Charging Voltage	41.0 VDC ± 1%		82.1 VDC ± 1%		82.1 VDC ± 1%		218.4 VDC ± 1% (Based on 16 pcs batteries)			
INDICATORS											
LCD	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)	310 x 438 x 88		410 x 438 x 88		630 x 438 x 88		UPS Unit: 500x438x88 [2U] Battery Pack: 688x438x88 [2U]	UPS Unit: 500x438x88 [2U] Battery Pack: 580x438x133 [3U]	UPS Unit: 580x438x133 [3U] Battery Pack: 580x438x133 [3U]	
	Net Weight (kgs)	12		14.1		19		29.3	UPS Unit: 15 Battery Pack: 48	UPS Unit: 15 Battery Pack: 61	UPS Unit: 18 Battery Pack: 51
Long-run Model **	Dimension, D x W x H (mm)	310 x 438 x 88		410 x 438 x 88		460 x 438 x 88		500 x 438 x 88 [2U]		580 x 438 x 133 [3U]	
	Net Weight (kgs)	9		12		14.2		15		18	
ENVIRONMENT											
Humidity	20-90 % RH @ 0- 40°C (Non-condensing)				0-95% RH @ 0-40°C (non-condensing)						
Noise Level	Less than 50dB @ 1 Meter				Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter				
MANAGEMENT											
Smart RS-232 / USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC										
Optional SNMP	Power management from SNMP manager and web browser										

*1-3KVA: Derate to 70% of capacity in Frequency converter mode or when the output voltage is adjusted to 208VAC
 6-10KVA: Derate to 60% of capacity in Frequency converter mode and to 90% when the output voltage is adjusted to 208VAC
 **Long-run model is only available in 208/220/230/240VAC systems.

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

