



VANPOW UPS

1kVA - 10kVA Rack & Tower UPS Systems

Key Advantages

- **On-Line UPS with Rack-Tower Type Design**
- **Pure Sinewave Output with Double Conversion Topology**
- **Hot Swappable Battery Replacement for Maintenance**
- **Emergency power off (EPO) protection available**
- **Extendable Backup Time with External Battery Pack**
- **Overload, Surge, Short Circuit Protection**
- **VPS-1000 / 1500 / 2000 / 3000 / 6000 / 10KVA**



The Vanpow online UPS series with pure sinewave output is the best choice for rack mount or tower based business, IT and telecommunication systems. The high performance Vanpow series with a power factor of 0.9 and an attached PFC (Power Factor Correction) stabilizes fluctuating voltage, including over voltage and under voltage. The Vanpow online UPS series has an easy to read LCD monitor that clearly shows the UPS status and operation controls. A selectable run mode offers high efficiency mode and free run mode.

Model		VPR	VPR	VPR	VPR	VPR	VPR	VPR	
		1000	1500	2000	3000	2000	3000	6000	10000
						(2U+2U)	(2U+2U)		
Capacity (VA)		1000	1500	2000	3000	2000	3000	6000	10K
Capacity (Watts)		900	1350	1800	2700	1800	2700	5400	9K
Form		Tower or Rack							
Phase		Single Phase							
Energy Saving		Yes - ECO mode Efficiency > 94%							
INPUT									
Voltage		100 / 110 / 115 / 120 / 127 / 208 / 220 / 230 / 240					208 / 220 / 230 / 240		
Voltage Range	110 Vac	60 ~ 144 Vac < 25% Load					120 ~ 276 Vac < 25%		
		70 ~ 144 Vac < 50% Load					140 ~ 276 Vac < 50%		
		80 ~ 144 Vac < 75% Load					160 ~ 276 Vac < 75%		
		90 ~ 144 Vac < 100% Load					180 ~ 276 Vac < 100%		
	220 Vac	120 ~ 276 Vac < 25% Load							
		140 ~ 276 Vac < 50% Load							
		160 ~ 276 Vac < 75% Load							
		180 ~ 276 Vac < 100% Load							
Frequency Range		50 / 60 Hz (Auto Sensing)							
Power Factor		> 0.97							
Cold Start		Yes							
OUTPUT									
Rated Power Factor		0.9							
Waveform		Pure Sine Wave							
Voltage		100 / 110 / 115 / 120 / 127 / 208 / 220 / 230 / 240					208 / 220 / 230 / 240		
Frequency		50 / 60 Hz ± 0.25 Hz							
Transfer Time		0 ms							
Harmonic Distortion		2.5% THD at Linear Load					3% THD at Linear Load		
Crest Factor		3:01							
EPO Function		Option							
PROTECTION									
Overload	Line Mode	105% - 120% for 30 seconds							
		121% - 150% for 10 seconds							
	Battery Mode	101% - 109% for 10 seconds							
		110% - 120% for 3 seconds							
Surge Protection		IEC 61000-4-5 Level 3							
Bypass		Internal Bypass(Automatic and Manual)							
Short Circuit Protection		UPS Output Cut Off Immediately							
BATTERY									
Model		VPR-1000	VPR-1500	VPR-2000	VPR-3000	VPR-2000	VPR-3000	VPR-6000	VPR-10000
Type		12V 7Ah	12V 7Ah	12V 7Ah	12V 9Ah	12V 7Ah	12V 7Ah	12V 7Ah	12V 9Ah
Quantity		3	4	6	6	6	8	20	20
Sealed, Maintenance Free		YES							
Typical Recharge Time		4 Hr to 90%							
External Battery Module		Option							
External Battery Connector		Option							
MANAGEMENT									
Indicator		LCD Control Panel							
Communication Port		RS232, USB(B-type)							
SNMP Slot		Option							
Audible Alarms		YES							
PHYSICAL									
Power Module	Dimensions (WxDxH) (In)	16.9 x 16.8	16.9 x 19.9	16.9 x 25 x 3.3		16.9 x 16.8 x 3.3		16.9 x 23.5	16.9 x 25.9 x 5.2
	Weights (Lbs)	36	39.5	65.7	72	22.3		44.1	55.1
	Shipping Dimensions (WxDxH)(In)	21.5 x 21.7 x 8.1	21.7 x 24.5 x 8.7	21.7 x 29.5 x 8.7		21.5 x 21.7 x 8.1		22.1 x 29.2 x 10.8	22.3 x 31.7 x 8.2
	Weights (Kgs)	42.8	46.3	75	80.7	29.1		53	69



TOWER SPECIFICATION

UPS							
Model		VPT-1000	VPT-1500	VPT-2000	VPT-3000	VPT-6000	VPT-10000
Capacity (VA)		1000	1500	2000	3000	6000	10000
Capacity (Watts)		900	1350	1800	2700	5400	9000
Form		Tower					
Phase		Single Phase					
Energy Saving		Yes - ECO mode Efficiency > 94%					
INPUT							
Voltage		100 / 110 / 115 / 120 / 127 or 208 / 220 / 230 / 240 Vac				208 / 220 / 230 / 240 Vac	
Voltage Range	110 Vac	60 ~ 144 Vac < 25% Load				120 ~ 276 Vac < 25% Load	
		70 ~ 144 Vac < 50% Load				140 ~ 276 Vac < 50% Load	
		80 ~ 144 Vac < 75% Load				160 ~ 276 Vac < 75% Load	
		90 ~ 144 Vac < 100% Load				180 ~ 276 Vac < 100% Load	
	220 Vac	120 ~ 276 Vac < 25% Load					
		140 ~ 276 Vac < 50% Load					
		160 ~ 276 Vac < 75% Load					
		180 ~ 276 Vac < 100% Load					
Frequency Range		50 / 60 Hz (Auto Sensing)					
Power Factor		> 0.97					
Cold Start		Yes					
OUTPUT							
Rated Power Factor		0.9					
Waveform		Pure Sine Wave					
Voltage		100 / 110 / 115 / 120 / 127 or 208 / 220 / 230 / 240 Vac ± 2%				208 / 220 / 230 / 240 Vac ± 2%	
Frequency		50 / 60 Hz ± 0.25 Hz					
Transfer Time		0 ms					
Harmonic Distortion		2.5% THD at Linear Load				3% THD at Linear Load	
Crest Factor		3:01					
EPO Function		Yes					
PROTECTION							
Overload	Line Mode	105% - 120% for 30 seconds					
	Line Mode	121% - 150% for 10 seconds					
	Battery Mode	101% - 109% for 10 seconds					
	Battery Mode	110% - 120% for 3 seconds					
Surge Protection		IEC 61000-4-5 Level 3					
Bypass		Internal Bypass(Automatic and Manual)					
Short Circuit Protection		UPS Output Cut Off Immediately					

TOWER SPECIFICATION

BATTERY							
Model		VPB-1000	VPB-1500	VPB-2000	VPB-3000	VPB-6000	VPB-10K
Type		12V 7Ah	12V 7Ah	12V 7Ah	12V 7Ah	12V 7Ah	12V 9Ah
Quantity		3	4	6	8	20	20
Sealed, Maintenance Free		YES					
Typical Recharge Time		4 Hr to 90%					
External Battery Module		Option					
External Battery Connector		Option					
MANAGEMENT							
Indicator		LCD Control Panel					
Communication Port		RS232, USB(B-type)					
SNMP Slot		Option					
Audible Alarms		YES					
PHYSICAL							
Power Module	Dimensions	6 x 16.6 x 9.3	6 x 19.7 x 9.5	7.9 x 16.6 x 14.1		10.2 x 23.3 x 22.5	10.2 x 27.2 x 23.1
	(WxDxH) (In)						
	Weights	33.5	43	64	66.4	190	213
	(Lbs)						
	Shipping Dimensions	11.1 x 21.5 x 14	11.1 x 24.7 x 14	13.4 x 20.7 x 19.1		16.4 x 30 x 31.5	16.1 x 34 x 31.5
	(WxDxH) (In)						
	Weights	38.4	47	70	72.5	206	247
	(Lbs)						
* While 208V output, capacity will derated to 90%							
* Specifications are subject to change without further notice							
* Specifications are for reference, actual information should be based on real product							



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