VANGUARD CHAIN II

VANGUARD CHAIN II series are online UPS with high performance "Power Factor 1.0", making it an ideal choice for computers, telecommunication equipment and other sensitive electronic devices.

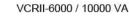












Main Feature

Compact Design of High Power Density

Power Factor 1.0 output, perfectly protect your critical equipment and ensure the best output performance.

Flexible Configuration

Parallel capability, maximum 4 units (optional).

LCD / LED Display

Equipped with leading LCD and LED display. Users can acquire UPS information instantly from the front panel.

Automatic Fan Speed Adjustment

The intelligent fan system automatically adjusts fan speed base on power load, maintains optimal temperature control and noise emission.

Abundant Interface

RS232, SNMP, and USB port provide cable and internet connection to your electronic equipment for monitoring remotely.

Advanced 3-Level Technology

High efficiency up to 95%, compatible with complicated load.

Intelligent Charging Management

Improve charging efficiency and effectively extend the battery life.



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On-Line UPS

Specifications Model		VCRII-6000	VCRII-10000
Configuration			
Capacity (VA)		6000 VA	10000 VA
Capacity (Watts)		6000 W	10000 W
Form		Rack and To	
Phase		Single I	
Efficiency		ECO Mode Efficiency: 98%	
		Line mode with battery full charged: 9	4.6%@100% load, 95%@60% load
Phase		Cingle phase in a	ingle phase out
Phase Transfer Voltage Range		Single phase in,single phase out 200VAC/208VAC/220VAC/230VAC/240VAC	
Line low transfer		110VAC	
Line low dansier Line low recovery		121VAC	
Line high transfer		288VAC	
Line high recovery		281V	
Input		2017	7.0
Voltage		110VAC~288VAC	
Input Voltage Range		100% load@>176VAC	
		90% load@>154VAC	
		75% load@>132VAC	
		50% load@	
Input Current Rating (full charging)		30A / 220V 49A / 220V	
Input Frequency Range		40~70Hz	
Input current distortion		<4%	
Input Power Factor		≥0.99	
Cold Start		Yes	
Output			
Rated Power Factor		1.0	
Waveform		Pure Sine Wave	
Voltage		220VAC/230VAC/240VAC ± 1 %, 200VAC/208VAC ± 1 %	
Frequency		50 / 60 Hz	
Synchronization range		±5Hz default, settable	
Transfer Time		0 ms	
Harmonic Distortion Crest Factor		≤ 1% THD, linear load ≤ 5% THD, non linear load 3:1	
EPO Function		3:1 Standard	
Protection		Stant	laiu
Totalion		105% to 110% : Transfer to bypass after 10 mins	
In	Inverter	111% to 125% : Transfer to bypass after 1 mins	
111	verter	126% to 150%: Transfe	
Overload		less than 125%: kg	
	Bypass Mode	126% to 130% :Sh	
Ву		131% to 150% :Sh	
		> 150% :Shutdown in 200 ms	
Battery			
Туре		12V 7Ah	12V 9Ah
Quantity		16PCS o	
DC Voltage		192VDC	
Back-up Time		3mins @5kW	2mins @8kW
Typical Recharge Time		8h recharg	e to 90%
Charger			2
Charging current (max)		1A	
Float Charging Voltage		2.25V/cell default, setttable via software	
Boost Charging Voltage Charging time		2.25V/cell default, setttable via software	
Charging time Leakage current		8h recharge to 90% <3mA	
Leakage current Management & Commu	nication	<30	IA
мападетент & Commu Indicator	incation	LED	ICD
Indicator		LED+LCD	
Communication Port		Standard: RS 232 Option: USB B type, SNMP card, RS 485, DB9 port, dry contact, 10A charger	
Communication Force		option: USB B type, SNMP card, RS 485, DB9 port, dry contact, IOA charger (charger current settable:1-10A)	
Physical		(charger current	Settable.1-10A)
Dimensions (WxDxH) (mm)		440 x 66	0 x 172
Weight (kgs)		58	62
Environment		50	UZ.
Operating Humidity		0-95 % RH at 0-40%	C (Non-condensina)
Audible Noise		0-95 % RH at 0-40°C (Non-condensing) <58dB (1m away)	

^{**} Specifications are subject to change without further notice.

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^{**} Specifications are for reference, please refer to information based on real product.