

VP-200R_{SERIES}

ABOUT THE PRODUCT:

The Velox Power VP-200R Series is a double-conversion online racked UPS with a 1.0 power factor, delivering 25% more efficiency than traditional UPS systems. It offers up to 95.5% efficiency in normal and ECO modes. Equipped with microprocessor control, DSP technology, and true double conversion, it ensures high performance and reliability, making it ideal for server and IT racks.

MAIN FEATURES:

- Interactive LCD for real-time monitoring, including fault codes
- Adjustable charging voltage and current for various battery types and fast charging
- Ultra-wide input voltage range (110~300VAC) with built-in AVR for stable power
- Cold start function enables battery-powered startup without grid input
- Advanced battery management with two/-three-stage charging and adjustable battery count
- Emergency power off function and generator compatibility
- Optional communication ports: USB, RS232, and SNMP
- Ideal for small-scale data centers, LAN servers, communication base stations, bank branches, industrial automation, office terminals, and storage devices

High Frequency UPS
Online Double Conversion
1kVA-3 kVA – Rack Mount



TECHNICAL SPECIFICATIONS FOR VP-200R SERIES

Model		VP-201-R(S)	VP-201-R	VP-202-R(S)	VP-202-R	VP-203-R(S)	VP-203-R
Rating (KVA)		1000 VA		2000 VA		3000 VA	
Topology		On Line Double Conversion					
Input	Input Format	L+N+PE					
	Rated Voltage	208/220/230/240 VAC					
	Voltage Range	110-300VAC					
	Frequency Range	50Hz/60Hz ± 6 Hz (Default), ± 10 Hz (Settable)					
	Power Factor	≥0.99					
	Harmonic Distortion (THDi)	≤4% THD (Linear Load);≤5% THD (Non-Linear Load)					
Output	Output Format	L+N+PE					
	Rated Voltage	208/220/230/240 VAC					
	AC Voltage Regulation	±1%					
	Frequency Range	AC Mode: same as AC, Battery: 50/60Hz±1%					
	Harmonic Distortion (THDi)	≤3% THD (Linear Load); ≤5% THD (Non-Linear Load)					
	Overload Capacity	AC Mode: 30min@102%~110% load 10min@110%~130% load 30s@130%~150% load 200ms@>150% load			Battery Mode: 1min@102%~110% load 10s@110%~130% load 3s@130%~150% load 200ms@>150% load		
	Power Factor	1					
	Wave Form	Pure Sine Wave					
Transfer Time	AC Mode to Battery Mode	0 ms					
Efficiency	AC Mode	94.5%@220VAC		95.5%@220VAC			
	Battery Mode	88.5%	87.5%	91.5%	89.5%	91.5%	91.5%
Battery	Battery Type	Depending on applications					
	Voltage	36 VDC	24 VDC	72 VDC	48 VDC	96 VDC	72 VDC
	Numbers	3	12V-7AHx2	6	12V-7AHx4	8	12V-7AHx6
	Charging Current	5 A (Default) 1-12A(Adjustable)	1 A (Default) 1-4A(Adjustable)	5 A (Default) 1-12A(Adjustable)	1 A (Default) 1-4A(Adjustable)	5 A (Default) 1-12A(Adjustable)	1 A (Default) 1-4A(Adjustable)
	Charging Mode	Two-Stage / Three-Stage Charging					
Display	LCD	Working mode/load/input/output					
Management	RS232/USB	Windows 2000 / 2003 / XP / Vista / 2008/7/8/10 Linux and MAC					
	Optional SNMP	Power management from SNMP manager and web browser					
Environment	Operation Temperature	0-40°C					
	Storage Temperature	-15~60°C(Battery:0~40°C)					
	Relative Humidity	20-95% (Non condensation)					
	Altitude	≤1000m					
	Noise	<45dB@1 Meter					
Physicals	Dimension: WxDXH (mm)	440x420x88					440x600x88
	Weight: (kg)	6.5	10.5	7.9	17	8.2	23

Note : Product specifications are subject to change purely on company's discretion without any prior notice. *Range can be customised as per requirement

WHY VP 200 SERIES RACK MOUNT?



PLUG N PLAY



POWER FACTOR



MULTIPLE
PROTECTION
TECHNOLOGY



SNMP
MODULE



DIGITAL
DISPLAY



ECO FRIENDLY



SERVICE/
TECH SUPPORT