

VP-200 SERIES

ABOUT THE PRODUCT:

Velox Power VP-200 Series is a compact double-conversion online UPS with a 1.0 power factor. Its advanced DSP control enhances performance and reliability. Featuring ECO and frequency conversion modes, it meets modern power demands. Microprocessor control and true double conversion ensure high efficiency and stability.

MAIN FEATURES:

- Interactive LCD for easy monitoring of features and fault codes
- Adjustable charging voltage and current for different battery types and capacities
- Ultra-wide input voltage range (110~300VAC) with Automatic Voltage Regulation (AVR) for areas with voltage fluctuations
- Cold start function allows UPS to start on battery without mains supply
- Advanced battery features: two-stage or three-stage charging, adjustable battery count, and emergency power off
- Generator compatible for reliable backup power
- Optional communication ports: USB, RS232, and SNMP
- Suitable for IT equipment, ATMs, servers, monitoring devices, vending machines, base stations, medical devices, POS systems, CCTV, and more

High Frequency UPS
Online Double Conversion
1kVA-3 kVA – Tower



TECHNICAL SPECIFICATIONS FOR VP-200 SERIES

Model		VP-201S	VP-201	VP-202S	VP-202	VP-203S	VP-203
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%nTHD (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 Mode: 50/60Hz±1%					
	Harmonic Distortion (THDi)	≤3%nTHD (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)	290x143x222		395x143x222		455x190x330	
	Weight: (kg)	4	8	6	14	6	20

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?



PLUG N PLAY



POWER FACTOR



MULTIPLE
PROTECTION
TECHNOLOGY



SNMP
MODULE



DIGITAL
DISPLAY



ECO FRIENDLY



SERVICE/
TECH SUPPORT