

VP-200 SERIES

ABOUT THE PRODUCT:

Velox Power VP-200 Series is a double conversion online tower UPS with a 1.0 power factor, 25% higher than traditional systems. It offers up to 95.5% efficiency in normal and ECO modes. With microprocessor control, DSP technology, and true double conversion, it ensures high performance and reliability.

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 stable power in fluctuating conditions
- 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
- Optional N+X parallel redundancy for increased performance and reliability
- Generator compatible with optional manual maintenance bypass switch
- Standard USB and RS232 communication interfaces with intelligent slots for adapters, protocol converters, and dry contact cards
- Suitable for IT equipment, ATMs, servers, monitoring devices, vending machines, base stations, medical devices, POS systems, CCTV, and more

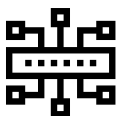
High Frequency UPS
Online Double Conversion
6kVA-10 kVA – Tower



TECHNICAL SPECIFICATIONS FOR VP-200 SERIES

Model		VP-206S	VP-206	VP-210S	VP-210
Rating (KVA)		6000 VA		10000 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)	≤5%nTHD (Linear Load); ≤8% 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)	≤2% THD (Linear Load); 5% THD (Non-Linear Load)			
	Overload Capacity	AC Mode: 30min@102%~110% load 10min@110%~130% load 30s@130%~150% load 500ms@>150% load		Battery Mode: 10min@102%~110% load 1min@110%~130% load 10s@130%~150% load 500ms@>150% load	
	Power Factor	1			
	Wave Form	Pure Sine Wave			
	Transfer Time	AC Mode to Battery Mode	0 ms		
Efficiency	AC Mode	Maximum efficiency 95.5%, full load efficiency 95%			
	Battery Mode	Maximum efficiency 95.3%, full load efficiency 94.8%			
Battery	Battery Type	Depending on applications			
	Voltage	192VDC			
	Numbers	16	12V-7AHx16	16	12V-7AHx16
	Charging Current	5 A (Default) 1-12A(Adjustable)	1 A (Default) 1-10A(Adjustable)	5 A (Default) 1-12A(Adjustable)	1 A (Default) 1-10A(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)	390x190x330	475x190x696	390x190x330	475x190x696
	Weight (kg)	9	53	10	53

WHY VP 200 SERIES?



PARALLEL
CONNECTIVITY (N+1)



POWER FACTOR



MULTIPLE
PROTECTION
TECHNOLOGY



SNMP
MODULE



DIGITAL
DISPLAY



ECO FRIENDLY



SERVICE/
TECH SUPPORT