

VP-300 SERIES

ABOUT THE PRODUCT:

Velox Power VP-300 Series UPS (10-80 kVA) ensures high reliability with DSP technology, dual-chip architecture, and MCU control. It features a 1.0 output power factor and Silicon Carbide Diodes, achieving over 96% efficiency. With dual inputs and parallel capability, it offers flexible system configuration and increased power capacity. Designed as a High-Frequency Three-Phase UPS, it delivers optimal performance for demanding operations.

MAIN FEATURES:

- 5" color touch LCD provides easy control, access to logs, and direct viewing of UPS features, including fault codes.
- Equipped with a powerful charger for fast recharge and adjustable charging current, adaptable to various battery setups.
- Dynamic password feature and power walk-in function enhance security and operational efficiency.
- ECO mode offers up to 99% efficiency for energy-saving operation.
- Supports dual inputs, parallel operation (up to six units), adjustable battery configuration, voice warnings, and high overload support.
- Optional communication ports include USB, RS232, and SNMP for enhanced connectivity.
- Suitable for IT network equipment, servers, switching devices, communication base stations, bank branches, business equipment, and medical devices.

**High Frequency Three Phase UPS
Online Double Conversion Topology
10-80 kVA**



TECHNICAL SPECIFICATIONS FOR VP-300 SERIES

Model		VP-3010	VP-3020	VP-3030	VP-3040	VP-3060	VP-3080
Rating (KVA)		10 kVA	20 kVA	30 kVA	40 kVA	60 kVA	80 kVA
Phase		3-Phase In / 3-Phase Out					
Input	Nominal Voltage	3x380/400/415 VAC (3Ph+N)					
	Voltage Range	-30%~+20%					
	Frequency Range	40-70 Hz					
	Power Factor	≥0.99@100%Load					
	Harmonic Distortion (THD)	<3% at full linear load					
Output	Output Voltage	3x380/400/415 VAC (3Ph+N)					
	AC Voltage Regulation (Batt. Mode)	±1%					
	Frequency Range (Synchronized Range)	46-54 Hz or 56-64 Hz					
	Frequency Range (Batt. Mode)	50/60 Hz ± 1%					
	Current Crest Ration	3:1 (max)					
	Harmonic Distortion	≤1% THD (Linear Load); ≤3% THD (Non-Linear Load)					
	Overload Capability	100-110% for 60 min., 111-125% for 10 min., 126-150% for 1 min;>150% or 400 ms					
	Power Factor	1					
	Wave Form	Pure Sine Wave					
Transfer Time	AC Mode to Battery Mode	Zero					
Efficiency	AC Mode	96.00%					
	Battery Mode	96.00%					
	ECO Mode	99.00%					
Battery	Voltage	±120V	±192V ~ ±240V(Selectable)				
	Numbers	20 PCs	32-40 PCs				
	Charging Current (max)	1A-12A (Adjustable)			1A-16A (Adjustable)	2A-24A (Adjustable)	2A-32A (Adjustable)
	Charging Voltage	± 13.65VDC ±10%	±13.65VxN(N=16~20)				
Display	LCD Panel	UPS status, Load level, Battery level, Input/output voltage, Discharge timer and Fault conditions					
Management	Smart RS-232/ USB	Supports Windows 2000 / 2003 / XP / Vista / 2008, Windows 7/8/10 Linux and MAC					
	Optional SNMP	Power management from SNMP manager and web browser					
Environment	Operation Temperature	0-40℃					
	Operation Humidity	20-95% (Non condensation)					
	Altitude**	0-1500m at full load					
	Noise Level	Less than 60dB @1 Meter		Less than 63dB @1 Meter		Less than 65dB @1 Meter	
Physicals	Dimension: WxDxH (mm)	630x250x826		815x300x1000		790x360x1010	
	Weight: (kg)	28	43	60	67	108	113

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 300 SERIES?



DSP FULL
DIGITAL
CONTROL



PARALLEL
CONNECTIVITY (N+1)



POWER FACTOR



MULTIPLE
PROTECTION
TECHNOLOGY



DIGITAL
DISPLAY



SNMP
MODULE



SERVICE/
TECH SUPPORT