



VT33 Series

UPS 10~600kVA

- » PF=0.9
- » Small Footprint
- » High Efficiency 94%
- » All Series Touch Screen Design
- » Galvanic Isolation Transformer
- » Double Button Switch Pre vent Misoperation



Computer Room



Data Center



Precision
Instrument



Intelligent
Device



Auto
Manufacturing



Glass & Metallurgy
Industry



PLC System



Petrochemical
Industry



Automation
Equipment



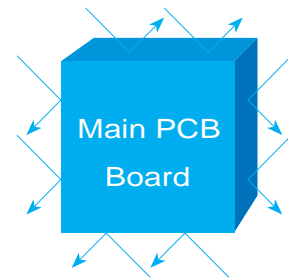
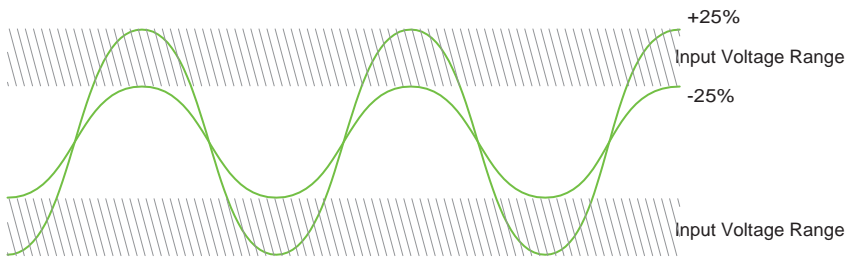
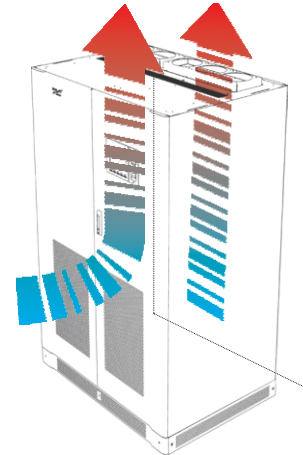
Power Plant





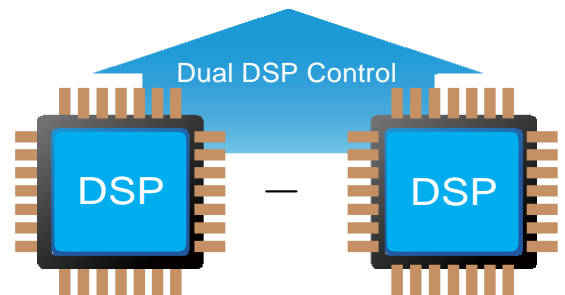
Reliable Design

- The output isolation transformer provides high reliability to adapt different harsh industrial environments and protects the critical loads
- 100% 3-phase unbalance load adapt to different kinds of complex applications
- Dual airducts design offer good cooling to protect the key components and extend the service life
- Dual powersupply redundancy
- Wide input voltage range provides high adaptability to the grid and extend the battery service life
- Main PCB board with professional electromagnetic shielding improve reliable performance of EMC



Innovative Upgrade

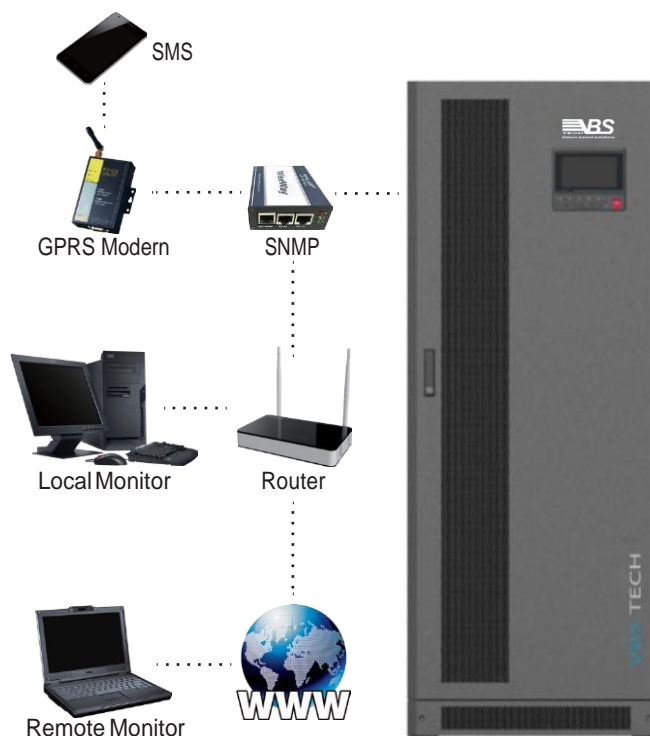
- Dual DSP control technology, make the data processing faster and more precise, improve the reliability
- High output PF=0.9 meet with high requirements of applications
- ECO-mode (98% Efficiency) gives possibility of significant cost reduction and heat emission
- Bus synchronization control function provides reliable high power for the dual bus application
- Advanced no-master-slave parallel technology achieves online power expansion and prevent single fault





Intelligent Management

- Multiple communication interface supports UPS and load intelligent monitoring
- Intelligent SNMP achieves local monitoring and remote monitor
- Battery temperature compensation function extends battery service life
- Battery self- test function and battery temperature compensation function improve the battery performance and extend battery use life
- Intelligent fan control according the load capacity reduces the noise and prolongs fan service life



Humanized Operation

- 10-30kVA models with wheels enable easy movement
- HMI - Friendly operation
- ON/OFF - Double Button design
- EPO
- 10,000 history records reduces fault analysis and maintenance time
- Power components in module design - more compact structure and easy for maintenance
- Hot-swappable fans design achieves on-line maintenance



Technical Specifications

MODEL	VT 3310	VT 3320	VT 3330	VT 3340	VT 3360	VT 3380	VT 33100	VT 33120	VT 33160	VT 33200	VT 33250	VT 33300	VT 33400	VT 33500-12P	VT 33600-12P
Input															
Voltage(Vac)	380/400/415±25%														
Rectifier Frequency(Hz)	40~70														
SYNC Frequency Tracking(Hz)	50/60±10%(±5% optional)														
Phase	3φ4W+PE														
Output															
Capacity (KVA)	10	20	30	40	60	80	100	120	160	200	250	300	400	500	600
Power Factor	0.9 (0.8/1.0 optional)														
Phase	3φ4W+PE														
Voltage (Vac)	L-N: 220/230/240±1%, L-L:380/400/415±1%,														
Frequency(Hz)	50/60±0.2 (battery mode)														
Waveform	Pure sine wave, THD≤2% (linear load)														
3 Phases 100% Load Unbalance Voltage Stability	≤2%, allow 100% unbalance														
Overload	125% load for 10mins, 150% load for 1 min														
Battery															
Voltage (Vdc)	348 (360 optional)									384 (348/360/372 setting)					
BATT Type	External														
Charging Current(A)	10~40A setting									10-100A setting					
Other															
Maintenance Bypass	Yes														
Communication Interface	RS485/MODBUS (dry contacts / SNMP is optional)									RS232/RS485 (dry contacts /SNMP is optional)					
Display	Touch screen + LED														
Alarm	Overload, abnormal AC input, low battery, UPS failure														
Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage														
Noise (dB)	< 65									< 70					
Working Temperature	0 ~ 40℃														
Relative Humidity	0 ~ 95%, No condensation														
Dimension (W×D×H)(mm)	500×600×1180			500×800×1600			700×800×1800			1400×1000×1850		1600×1000×1850		3000×1000×1850	
Weight(kg)	230	250	300	400	450	520	600	650	825	1280	1568	1830	2050	4500	

* Specification is subject to change without prior notice.

* If the higher charging current is adjusted, the UPS capacity shall be derated.

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