

VANGUARD VG SERIES TRUE ON-LINE UPS 10KVA - 400KVA



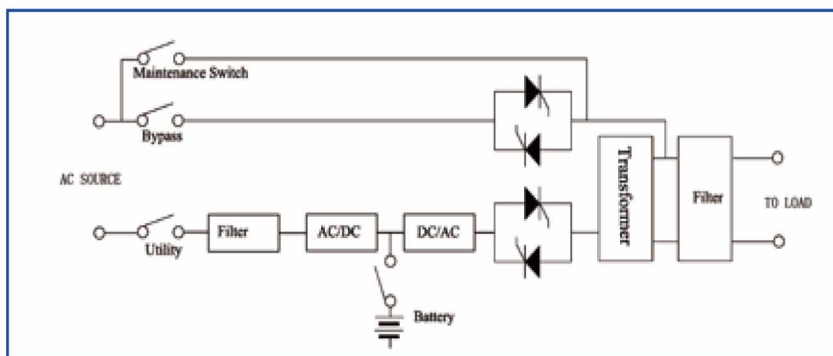
Main Features:

- Online double conversion
- IGBT inverter and output isolation transformer
- 3 phases UPS allow 100% unbalance load
- Fully DSP control, high reliability and performance
- Wide input voltage range
- DC cold start function
- Advanced battery charging management
- Intelligent fan speed control
- ECO mode is available
- Intelligent RS232 /RS485 Communication Port
- SNMP adapter (optional)
- EPO function (optional)
- Advanced no-master-slave parallel technology (optional)
- Intelligent battery monitor system - MMBM (optional)
- 12 Pulse rectifier (optional)
- Bypass isolation transformer (optional)

Application:

- computer room
- data center
- precision instrument
- intelligent equipment

Topology:



Specification

MODEL		VG 3310	VG 3320	VG 3330	VG 3340	VG 3350	VG 3360	VG 3380	VG 33100	VG 33120	VG 33160	VG 33250	VG 33300	VG 33400
INPUT	Voltage(Vac)	380/400±20% or 208/220 ±20% (±25% option)												
	Rectifier Frequency(Hz)	40~65												
	SYNC Frequency Tracking (Hz)	50/60±5% (±10% option)												
	Phase	3φ4W+PE												
OUTPUT	Capacity (KVA/KW)	10/8	20/16	30/24	40/32	50/40	60/48	80/64	100/80	120/96	160/128	250/200	300/240	400/320
	Phase	3φ4W+PE												
	Voltage (Vac)	L-N: 220/230±1%, L-L:380/400±1%, or L-N: 120/127±1%, L-L: 208/220±1%,												
	Frequency(Hz)	50/60±0.2%(battery mode)												
	Waveform	Pure sine wave, THD≤3% (linear load)												
	Overload	110% load for 30 mins,125% load for 10 mins, 150% load for 1min												
BATTERY	Voltage (Vdc)	12V×29=348												
	BATT Type	External												
	Charger Current(A)Max	10~40A setting										20~80A setting		
	Battery Self-testing	Automatically alarm and estimate battery status in battery abnormal status												
OTHER	Maintenance Bypass	Yes												
	Communication Interface	RS232/RS485 and dry contacts. (MODBUS and SNMP adapter are optional)												
	Display	LCD Display indicates frequency, voltage, load, battery voltage, etc. LED indicates running status												
	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												
	Working Temperature	0 ~ 40℃												
	Relative humidity	0 ~ 95%, No condensation												
Dimension (mm) (W×D×H)		500×800×1180						1200×800×1600				1800×800 ×2000	2200×800×2000	
Weight (kg)		236	296	300	355	360	435	685	785	810	995	1700	2200	2300

- Specification are subject to change without prior notice.
- 110V, 120V systems are available and with some different parameters.