

VH Series 700 VA, 1000 VA, 1500 VA, 2000 VA & 3000 VA

GE Digital Energy's™ VH Series of UPS is a true VFI (Voltage & Frequency Independent) on-line double conversion, intelligent and high-performance UPS designed for all mission-critical applications. The UPS range is designed with a unique failsafe bypass providing maximum security and reliability for the user.

The VH Series range of UPS has been designed also for maximum site flexibility. With an attractively designed modern common tower and/or 19inch rackmountable design, the UPS can adapt as network configurations adapt. Batteries are the core component of any UPS system. GE's

unique Superior Battery Management system ensures that this core component is protected at all times at the highest level. When batteries need to be replaced, the procedure is easy, safe and can be performed without disconnecting the critical load.

For communication, the VH Series is provided with USB and contact interface as standard; an easy to install option card is available with RS232, USB and relay. A web-enabled SNMP card is available as an option. Operation in remote or unmanned sites is simple to coordinate with the standard remote monitoring functionality.

features & benefits

- Voltage and frequency independent (VFI) double conversion technology eliminates power reliability problems
- Unique failsafe internal bypass for continued operation even in the event of UPS failure
- Tower and/or 2U rack design for all ratings; all support elements included
- Simple battery replacement without disruption to supported load
- Versatile communication with USB and contact interface, RS232, relays and SNMP
- Wide input voltage window minimising battery usage
- Excellent short circuit protection
- GE's unique Superior Battery Management enhancing battery performance and lifetime
- Easy plug-in connection of battery packs for extended run-time
- Remote monitoring and control for unmanned or isolated sites
- Can be used as a 50/60Hz frequency converter
- Phase neutral reversal protection
- High overload capability
- Precise output frequency regulation
- High efficiency

applications

- Mission-critical servers
- Telecommunication equipment
- Local area networks
- Internet servers
- Network components
- Process and telecom industry equipment

Digital Energy™ VH Series UPS

700/1000/1500/2000/3000 VA
Uninterruptible Power Supply (UPS)



GE imagination at work



technical specifications

Model	VH 700	VH 1000	VH 1500	VH 2000	VH 3000
Rating (VA/W)	700/490	1000/700	1500/1050	2000/1400	3000/2100
Format	Tower / Rack				
Input voltage range (70% load)	130 - 280 V				
Input frequency range	45 - 66 Hz				
Backup time at 50% / 75% load (mins)	30/16	24/11	16/8	20/11	16/8
Output power factor	1 at standard load (70%)				
Output voltage	220/230/240 V +/- 2%, front selectable				
Output frequency	50 / 60 Hz, front selectable				
Number of IEC 320 outlets	2	4	4	6	6 & 1x16A
DC connector		✓	✓	✓	✓
Enclosure size	440 (19") x 87 (2U) x 472mm			440 (19") x 87 (2U) x 547mm	
Net weight incl. batteries (kg)	18.3	18.3	19.3	31.3	33.3
Warranty	Three years including battery				

Options

Additional battery packs		✓	✓	✓	✓
Manual Service Bypass	✓	✓	✓	✓	✓
Plug in relay card	✓	✓	✓	✓	✓
Plug in SNMP card	✓	✓	✓	✓	✓

operating characteristics

Operating temperature	: 0 to 40°C
Relative humidity	: 95% non-condensing
Audible noise	: <45 db(A)

communication interface

USB
RS 232
Open collector alarm contacts
SNMP

general design criteria

Safety	: EN 62040-1; IEC 60950
EMC	: EN 62040-2
Protection degree	: IP20

Specifications subject to change without prior notice



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