

AETES

VHS SERIES RACK UPS

*Rackmount 2U Elegant Design
Online Double Conversion
Quietest in its Class*

VHS3000



"...power alliance..."

BACK PANEL



DESCRIPTION

AETES VHS Series of UPS is a on-line double conversion, intelligent and high-performance UPS designed for all mission-critical applications. The UPS range is designed with a unique static bypass providing maximum security and reliability for the user.

The VHS Series range of UPS has been designed also for maximum site flexibility. With an attractively designed modern common 19" rackmount design, the UPS can adapt as network configurations adapt. AETES' unique 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 loads.

FEATURES

- Double conversion technology
- Quietest in its class
- Unique static internal bypass switch
- 2U elegant design for space-saving
- Hot swappable battery replacement
- Versatile communication with USB, Serial RS232 and dry contacts
- Wide input voltage range
130 VAC ...280 VAC
- Excellent short circuit protection
- Remote monitoring and control
- Phase neutral reversal protection
- High overload capability
- Precise output frequency regulation
- High efficiency

GENERAL SPECIFICATION

Model	VHS2000	VHS3000
Rating (VA/W)	2000/1400	3000/2100
Enclosure	19 inch 2U Rackmount	
Input voltage range (70% load)	130 - 280 V	
Input frequency range	45 - 66 Hz	
Backup time at 50% / 75% load (mins)	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	6 X IEC320 C13	6 X IEC320 C13 + 1 X C19
DC connector	✓	✓
Enclosure size	440 (19") x 87 (2U) x 547mm	
Net weight incl. batteries (kg)	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

General design criteria

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