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

applications

- Mission-critical servers
- Telecommunication equipment
- Local area networks

Digital Energy™

VH Series UPS

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

### Model

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

### Options

<table>
<thead>
<tr>
<th>Option</th>
<th>VH 700</th>
<th>VH 1000</th>
<th>VH 1500</th>
<th>VH 2000</th>
<th>VH 3000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional battery packs</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Manual Service Bypass</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Plug in relay card</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Plug in SNMP card</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

### Operating Characteristics

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

### 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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**communication interface**

- USB
- RS 232
- Open collector alarm contacts
- SNMP

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your distributor:

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English
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