# Product datasheet

Specifications



## Galaxy VXL UPS 750kW Scalable to 1250kW, 400V, Start-up 5x8

GVXL750K1250HS

## Main

| | |
|---|---|
| **Main input voltage** | 380 V AC 3 phases<br>400 V AC 3 phases<br>415 V AC 3 phases |
| **Other input voltage** | 400 V |
| **Maximum input current** | 1368 A |
| **Max short time withstand current** | 100 kA |
| **Input harmonic distortion** | Less than 3 % for full load |
| **Load power factor** | 0.5 leading to 0.5 lagging without derating |
| **Efficiency at full load** | 340...460 V 400 V |
| **Input frequency** | 40...70 Hz |
| **Output voltage** | 380 V AC 3 phases<br>400 V AC 3 phases<br>415 V AC 3 phases |
| **Other output voltage** | 400 V |
| **Rated power in W** | 750 kW |
| **Rated power in VA** | 750 kVA |
| **Bypass type** | No bypass |
| **Crest factor** | 3 |
| **Harmonic distortion** | < 3 % |
| **Maximum configurable power in VA** | 1250 VA |
| **Maximum configurable power in W** | 1250 kW |
| **Output harmonic distortion** | < 1% linear load and < 5% non-linear load |
| **Output overload operation** | 10 minutes at 125% and 60 seconds at 150% |
| **UPS topology** | Double conversion online |
| **Waveform type** | Sine wave |
| **Output frequency** | 50...60 Hz |

## Complementary

| | |
|---|---|
| **Maximum short-circuit current** | 100 kA |
| **Battery type** | Li-Ion (Lithium-Ion) external sold separately<br>Lead-acid external sold separately |
| **Control panel** | Touch screen LCD user interface |
| **UPS connectivity** | Embedded network management card 4 |
| **Color** | White |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Height** | 1970 mm |
| **Width** | 1200 mm |
| **Depth** | 1000 mm |
| **Product weight** | 957 kg |
| **Max bypass input current** | 1094 A |
| **Bypass current protection** | 1094 A |
| **Number of power modules** | 6 |
| **Number of power module free slots** | 4 |
| **Redundant** | Yes |
| **Range of product** | Galaxy VXL |
| **Product or component type** | Uninterruptible power supply (UPS) |

## Environment

| | |
|---|---|
| **Product certification** | IEC 62040-1-1<br>IEC 62040-2<br>IEC 62040-3<br>VFI-SS-111<br>RoHS |
| **Standard** | IEC 60721-4-2 level 2M2 |
| **Ambient air temperature for operation** | 0…40 °C |
| **Ambient air temperature for storage** | -25…55 °C |
| **IP protection** | IP20 |
| **Relative humidity** | 5…90 % non-condensing |
| **Storage relative humidity** | 0…95 % non-condensing |
| **Heat dissipation** | 74232 Btu/h |
| **Operating altitude** | 0...3000 m |

## Batteries & Runtime

| | |
|---|---|
| **Battery type** | VRLA<br>Li-Ion (Lithium-Ion) |
| **Battery voltage** | 480...576 VDC |
| **Discharge battery voltage** | 384 V DC |
| **Battery charging power** | 150 kW full load |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 215 cm |
| **Package 1 Width** | 141 cm |
| **Package 1 Length** | 116 cm |
| **Package 1 Weight** | 926 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 12 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **557 ton CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **13 791 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **498 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **331 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **540 ton CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **2 169 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |

### Energy efficiency

| | |
|---|---|
| Energy Efficiency Optimized | **Energy efficient product** |
| Product contributes to saved and avoided emissions | **Yes** |

## Use Again

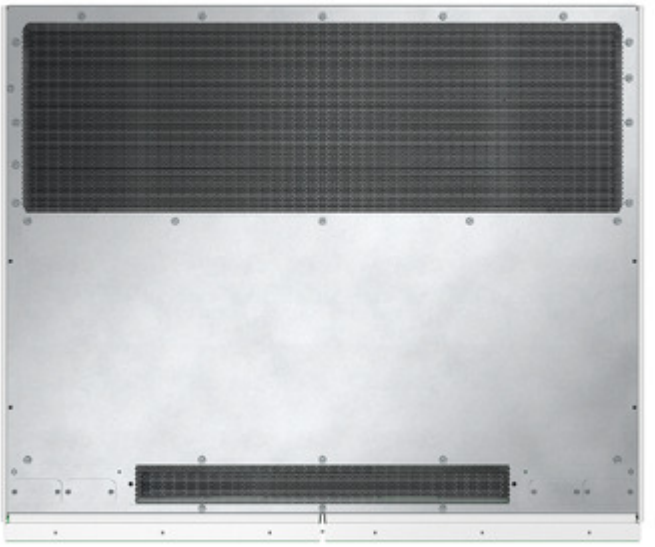
### Repack and remanufacture

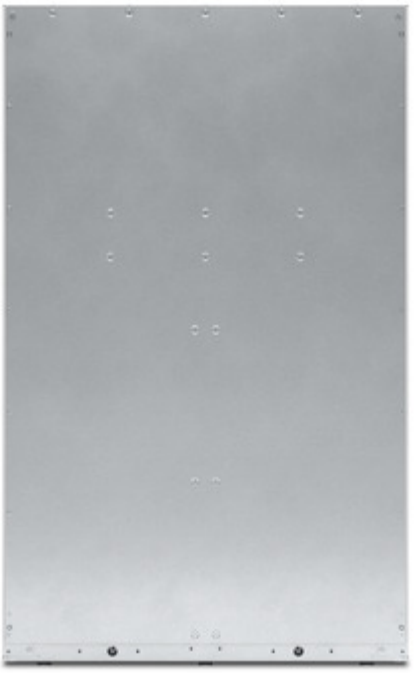
| | |
|---|---|
| Recyclability potential, in % | **65** |
| End of life manual availability | End of Life Information |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |

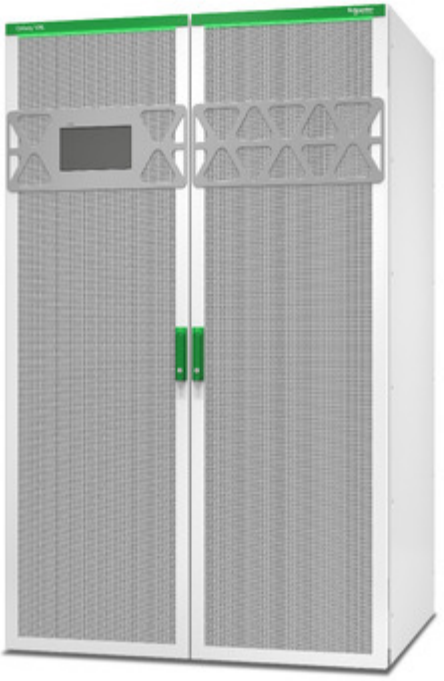
Image of product / Alternate images

**Alternative**

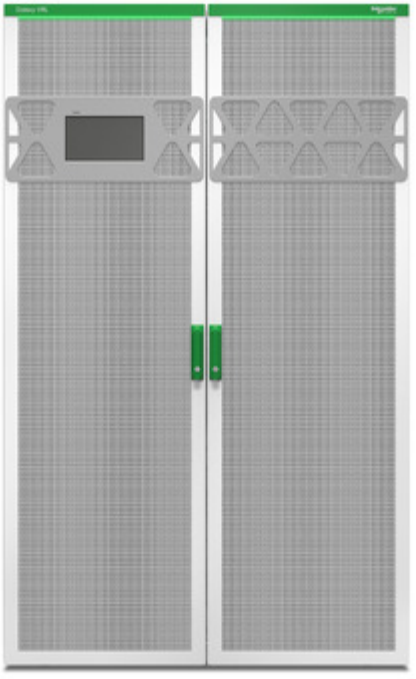












# Product datasheet GVXL750K1250HS

