

Technical Specification

HEAM0800.

Stand: 20.09.2018

| | | |
|--------------|----------------------------|-------------|
| Power Output | kVA | 50-800 |
| Power Output | kW | 50-800 |
| Voltage | V | 380/400/415 |
| Frequency | Hz | 50/60 |
| Type | Online Modular three-phase | |



Product Specification

The HEA M series from Henkelhausen offers highly efficient, scalable solutions for data centers, industrial processes and other demanding applications. The true sine wave double conversion technology decouples critical loads from the power grid and ensures consistently excellent power quality. By a redundant design, maximum reliability can be achieved. The modularly designed systems can be configured to meet current requirements. With increasing demand, the performance can be subsequently increased easily by further modules. All HEA M are equipped with HOT-SWAP technology. Modules can be replaced during operation and low risk.

Special features:

- true sine wave double conversion technology
- High efficiency of 96% already from 40% utilization guarantees the lowest power loss and energy savings
- redundant design for maximum reliability
- HOT SWAP: module replacement during operation
- flexible modularity and easy scalability
- Depending on the model, up to 16 power modules can be installed
- Power modules with 20 or 50 kVA
- 7 inch LCD touch screen
- many communication options:
- SNMP, potential-free contacts, RS485 etc.
- true online UPS according to VFI-SS-111

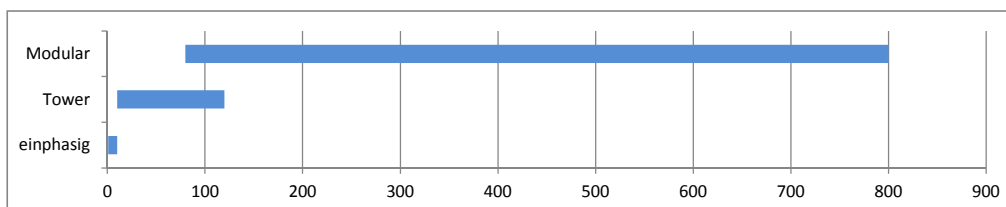
Technology you can rely on

Henkelhausen designs, builds and installs UPS solutions of all sizes. For usage in small offices up to the protection of industrial plants and data centers. All systems consist of quality components and comply with the highest technical classification VFI-SS-111.

The Henkelhausen UPS product range includes one- and three-phase online UPS systems in the power range from 1 kVA to 2.400 kVA. The systems are available in single, parallel or redundant design. In parallel construction, we realize services well over 2 MVA.

All our UPS Systems are optimally aligned to the current requirements for classification, efficiency and ease of maintenance. They provide you with a reliable, uninterrupted power supply and protect your sensitive systems from voltage disturbances and fluctuations.

Performance Range



Other Products From Henkelhausen

Combined Heat and Power from Henkelhausen

With a CHP from Henkelhausen you achieve the maximum yield. You benefit from the efficient conversion of natural gas, biogas, sewage gas and weak gases through combined heat and power. Our product range includes CHPs for every application as well as individual complete solutions for entire energy plant.

Emergency Power Supply from Henkelhausen

An emergency power generator from Henkelhausen starts when the public network fails. It provides you with the power you need for your applications reliably and quick. As a full-service provider, we design and implement your system including the engine, control system and the entire periphery. You get a tailored, turnkey solution that ensures your power supply at all times.

Technical Specification

HEAM0800.

Input

| | | |
|--------------------------------|----|-------------|
| Nominal Frequency | Hz | 50/60 |
| Nominal Voltage | V | 380/400/415 |
| Voltage Tolerance | V | 305-585 |
| Total Harmonic Distortion THDI | | <3% |
| Performance Factor | | >99% |

| | | |
|-----------------|----|-------|
| Input Frequency | Hz | 40-70 |
|-----------------|----|-------|

| | | |
|-----------------|--|--------------------|
| Connection Type | | 5 conductor system |
|-----------------|--|--------------------|

Output

| | | |
|--------------------------------|----|----------------------------|
| | | 50/60Hz grid synchronous |
| Output Frequency | Hz | +/-0,25% battery operation |
| Nominal Voltage | V | 380/400/415 |
| Voltage Accuracy | | +/-1% |
| Total Harmonic Distortion THDV | | 5% non linear load |
| Performance Factor | | 1 |
| Overload Capacity WR | | 125% 10min. |
| Overload Capacity Bypass | | 1000% 100ms. |
| Crest | | 3:1 |
| Switch between Grid - Battery | ms | 0 |

Battery

| | | |
|---------------------|---|--------------------|
| DC Voltage | V | 360-552 selectable |
| Number of Batteries | | 30-46 selectable |
| Charging Current | A | 1-167A selectable |
| internal Batteries | | no |
| external Batteries | | required |

Unit

| | | |
|---------------------------|----|-------|
| Operating Temperature | °C | 0-40 |
| Altitude | | <1000 |
| Sound Pressure at 1 Meter | | <68 |

| | | |
|----------------|--|-----|
| Efficiency | | 96% |
| Parallel Usage | | yes |

Maßangaben:

| | | |
|---------|----|-----|
| Module: | | |
| Length | mm | 620 |
| Width | mm | 130 |
| Height | mm | 130 |
| Weight | kg | 32 |

| | | |
|-------------|----|------|
| USV-Cabinet | | ST |
| Length | mm | 2400 |
| Width | mm | 850 |
| Height | mm | 2000 |
| Weight | kg | 1025 |

Technical Circumstances:

These technical data refer to nominal conditions according to DIN ISO 3046-1

| | | |
|---------------------|--|---------|
| Nominal Conditions: | | |
| Air Pressure Total | | 100 kPa |
| Air Temperature | | 25 °C |
| Relative Humidity | | 30 % |

Power variation at environmental conditions according to DIN ISO 3046-1

All statements made are subject to technical developments, compliance with the technical instructions of Henkelhausen GmbH & Co. KG and reflect the plant at new conditions without pollution.