

## Technical Specification

## HEASRT02.

Stand: 20.09.2018

Power Output	kVA	2
Power Output	kW	1,8
Voltage	V	208/220/230/240
Frequency	Hz	50/60
Type	Online Tower/Rack one-phase	



## Product Specification

UPS systems from HENKELHAUSEN ensure uninterruptible, highly available and stable power supply of your sensitive infrastructure and devices at the highest technical level.

The single-phase HEA RT UPS systems are the ideal solution for small but critical applications.

These include, for example medical practices, laboratories, finance departments, office workstations, radio stations and other applications with single-phase voltage.

The series impresses with its small design and extensive features. It is suitable for rack mounting or as a standalone unit.

### Special features:

Pure sine wave output voltage

LCD display

High output power through cos phi 0.9

Autonomy time extended by additional battery modules

different monitoring options

Reinforced charging device for charging large batteries

## 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.

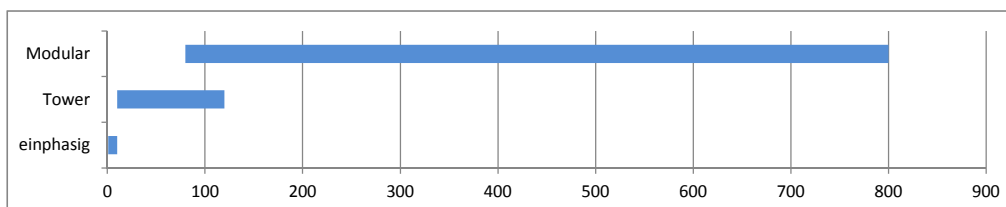
The Henkelhausen UPS product range includes one- and three-phase online UPS systems in the power range from 1 kVA to 2.400 kVA.

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.

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### Input

Nominal Frequency	Hz	50/60
Nominal Voltage	V	208/220/230/240
Voltage Tolerance	V	176-280
Total Harmonic Distortion THDI		<3%
Performance Factor		>99%

Input Frequency	Hz	40-70
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Connection Type		1-phase
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### Output

		50/60Hz grid synchronous
Output Frequency	Hz	+0,1Hz battery operation
Nominal Voltage	V	208/220/230/240
Voltage Accuracy		+1%
Total Harmonic Distortion THDV		5% non linear load
Performance Factor		0,9
Overload Capacity WR		150% 0,5min.
Overload Capacity Bypass		200% 10sec.
Crest		3:1
Switch between Grid - Battery	ms	0

### Battery

DC Voltage	V	48
Number of Batteries		4
Charging Current	A	1A
internal Batteries		yes
external Batteries		optional

### Unit

Operating Temperature	°C	0-40
Altitude		<1000
Sound Pressure at 1 Meter		<50
		Network operation: >90%
		Battery operation: >85%
Efficiency		ECO operation: >95%
Parallel Usage		no

### Maßangaben:

Module:		
Length	mm	658
Width	mm	88
Height	mm	88
Weight	kg	22,73

USV-Cabinet		ST
Length	mm	0
Width	mm	0
Height	mm	0
Weight	kg	0

### 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.