

# Product datasheet

Specifications



## Easy UPS 3S 20 kVA 400 V 3:3 UPS for internal batteries

E3SUPS20KHB

### Overview

**Presentation** High-efficiency 3-phase UPS that features advanced product features, competitive specifications, and robust electrical design, making business continuity easy in the data center or electrical room. This is an exceptionally easy to install, operate, maintain, and service 20 kVA UPS, ideal for small and medium businesses. Includes dust filter and conformance-coated boards for harsh environments. This UPS is for internal batteries, but is supplied without batteries, so you can easily customize the battery runtime. For battery runtime details, see the runtime charts published under the Documents tab.

**Lead time** Usually Ships within 6 Weeks

### Main

**Main Input Voltage** 400 V 3 phases

**Other Input Voltage** 380 V  
415 V

**Main Output Voltage** 400 V 3 phases

**Other Output Voltage** 380 V  
415 V

**Rated power in W** 20 kW

**Rated power in VA** 20 kVA

**Provided equipment** Dust filter  
Installation guide

### Physical

**Colour** White (RAL 9003)

**Height** 140 cm

**Width** 38 cm

**Depth** 92.8 cm

**Net weight** 122 kg

**USB compatible** Yes

### Input

**Maximum input current** 37 A

**Input harmonic distortion** Less than 3 % for full load

**Load power factor** 0.9 leading to 0.9 lagging

**Input Power Factor at Full Load** 0.99

**Input voltage limits** 304...477 V

---

Network frequency	45...65 Hz
-------------------	------------

## Output

---

Maximum configurable power in VA	20 kVA
----------------------------------	--------

---

Maximum configurable power in W	20 kW
---------------------------------	-------

---

Output frequency	50 Hz sync to mains 60 Hz sync to mains
------------------	--

---

Harmonic distortion	Less than 3 %
---------------------	---------------

---

Output harmonic distortion	< 3% linear load
----------------------------	------------------

---

Output voltage tolerance	+/- 1.5 %
--------------------------	-----------

---

UPS type	Double conversion online
----------	--------------------------

## Conformance

---

Product certifications	CE EAC RCM
------------------------	------------------

## Environmental

---

Ambient air temperature for operation	0...40 °C
---------------------------------------	-----------

---

Relative humidity	0...95 % non-condensing
-------------------	-------------------------

---

Operating altitude	0...3333 ft
--------------------	-------------

---

Ambient air temperature for storage	-15...40 °C
-------------------------------------	-------------

---

Storage Relative Humidity	0...95 % non-condensing
---------------------------	-------------------------

---

Storage altitude	0.00...15240.00 m
------------------	-------------------

---

Heat dissipation	900 Btu/h
------------------	-----------

---

IP degree of protection	IP20
-------------------------	------

## Batteries & Runtime

---

Battery type	VRLA
--------------	------

---

Battery voltage	240 V
-----------------	-------

---

Maximum short-circuit current	10 kA
-------------------------------	-------

---

Number of battery filled slots	0
--------------------------------	---

---

Number of battery free slots	3
------------------------------	---

## Packing Units

---

Unit Type of Package 1	PCE
------------------------	-----

---

Number of Units in Package 1	1
------------------------------	---

---

Package 1 Height	164 cm
------------------	--------

---

Package 1 Width	101.4 cm
-----------------	----------

---

Package 1 Length	56.3 cm
------------------	---------

---

Package 1 Weight	158 kg
------------------	--------

## Offer Sustainability

---

Sustainable offer status	Green Premium product
--------------------------	-----------------------

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>Optimized Energy Efficiency</b>	Energy efficient product

## Contractual warranty

<b>Warranty</b>	1 year on-site repair or replace with factory authorized Start-Up
-----------------	---

## Recommended replacement(s)