

# Product datasheet

Specifications



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

E3SUPS20KH

**Price: 125,580.00 ZAR**

### 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 supplied without batteries, so you can easily customize the battery solution.

**Lead time** Usually Ships within 6 Weeks

### Main

**Main Input Voltage** 400 V AC 3 phases  
380 V AC 3 phases  
415 V AC 3 phases

**Input voltage** 380 V  
415 V

**Maximum input current** 37 A

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

**Cos phi** 0.99

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

**Network frequency** 45...65 Hz

**Output voltage** 400 V AC 3 phases  
380 V AC 3 phases  
415 V AC 3 phases

**Output voltage** 380 V  
415 V

**Rated power in W** 20 kW

**rated power in VA** 20 kVA

**Bypass type** Built-in maintenance bypass

**Crest factor** 3 : 1

**Harmonic distortion** Less than 3 %

**Maximum configurable power in VA** 20 kVA

**Maximum configurable power in W** 20 kW

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

**Output overload operation** 10 minutes at 125% and 60 seconds at 150%

**UPS type** Double conversion online

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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

## Complementary

Battery type	External battery system
Maximum short-circuit current	10 kA
Number of battery filled slots	0
Number of battery free slots	0
Battery type	Lead-acid external
UPS connectivity	Optional network management card 3
Colour	White (RAL 9003)
Height	77 cm
Width	25 cm
Depth	80 cm
Net weight	58 kg
USB compatible	Yes
Provided equipment	Dust filter Installation guide
Range of product	Easy UPS 3S
Product or component type	Uninterruptible power supply (UPS)

## Environment

Product certifications	CE EAC RCM
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...40 °C
Storage altitude	0...14999.8 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	60 dBA
Heat dissipation	900 W
Operating altitude	0...3281 ft

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	101.5 cm
Package 1 Width	98.2 cm
Package 1 Length	40 cm
Package 1 Weight	75 kg

## Contractual warranty

Warranty (in months)	12
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## 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 24 810 kg CO2 eq.

Environmental Disclosure [Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number Dc6af940-cee3-4c52-a4a7-fc487db91a72

REACH Regulation [REACH Declaration](#)

## Use Longer



### Lifetime extension

Repair No

## Use Again



### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

Image of product / Alternate images

Alternative

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