

# Easy UPS 3S 20 kVA 400 V 3:1 UPS for internal batteries

E3SUPS20K3IB

#### 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

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Main Input Voltage	400 V 3 phases	
Product or component type	Uninterruptible power supply (UPS)	
Other Input Voltage	380 V 415 V	
Main Output Voltage	230 V	
Other Output Voltage	220 V 240 V	
Rated power in W	20 kW	
Rated power in VA	20 kVA	
Provided equipment	Dust filter Installation guide	
Range of product	Easy UPS 3S	

### **Batteries & Runtime**

Efficiency	View Efficiency Graph ☐	
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	
Max current discharge	54 A	
Discharge battery voltage	+/- 198 V DC	

## **Physical**

Colour	White (RAL 9003)
Height	140 cm

Width	38 cm
Depth	90.7 cm
Net weight	150 kg
USB compatible	Yes

## Input

Maximum input current	37 A
Input harmonic distortion	Less than 5 % for full load
Input Power Factor at Full Load	0.99
Input voltage limits	304477 V
Input protection type	Circuit breaker and fuse
Network frequency	4565 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	< 5.5% at 100% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Output voltage tolerance	+/- 1.5 %
UPS type	Double conversion online
Crest factor	3:1

## Conformance

Product certifications	CE EAC		
	RCM		

## **Environmental**

Ambient air temperature for operation	040 °C
Relative humidity	095 % non-condensing
Operating altitude	03281 ft
Ambient air temperature for storage	-2555 °C
Storage Relative Humidity	095 % non-condensing
Storage altitude	0.000000000015240.000000000 m
Acoustic level	60 dBA
Heat dissipation	870 W
IP degree of protection	IP20

# **Packing Units**

Unit Type of Package 1	PCE		
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Number of Units in Package 1	1
Package 1 Height	164.000 cm
Package 1 Width	101.400 cm
Package 1 Length	56.300 cm
Package 1 Weight	158.000 kg

# **Contractual warranty**

Warranty

1 year on-site repair or replace with factory authorized Start-Up



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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	27187
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

<b>⊗</b> Materials and Substances	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

#### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No