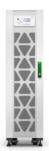
Product datasheet

Specifications





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

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

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
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 ka	

Contractual warranty

Warranty

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

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Rohs Exemption Information

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information