

Product datasheet

Specifications



Easy UPS 3S 40 kVA 400V 3:3 UPS, 3 internal 7Ah modular battery strings, expandable to 4

E3SUPS40KHB1

Overview

Presentation Easy-to-install, easy-to-operate, easy-to-maintain, and easy-to-service 40 kVA, 400V 3-phase UPS. With advanced product features, competitive specifications, and robust electrical design, the Easy UPS 3S UPS makes business continuity easy for small and medium data centers and electrical rooms. Includes dust filter and conformance-coated boards for harsh environments, and 3 internal 7Ah modular battery strings, expandable to 4 strings for extended runtime.

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	73 A
Input harmonic distortion	Less than 3 % for full load
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	40 kW
Rated power in VA	40 kVA
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	40 kVA
Maximum configurable power in W	40 kW
Output harmonic distortion	< 3% linear load
Output voltage tolerance	+/- 1.5 %
UPS type	Double conversion online
Output frequency	50 Hz sync to mains 60 Hz sync to mains

Complementary

Additional information UPS weight does not include battery weight.

Maximum short-circuit current	10 kA
Battery type	Lead-acid internal
UPS connectivity	Optional network management card 3
Colour	White (RAL 9003)
Height	140 cm
Width	50 cm
Depth	96.9 cm
Product weight	590 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...15240 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	63 dBA
Heat dissipation	1880 W
Operating altitude	0...3333 ft

Batteries & Runtime

Battery type	VRLA
Battery voltage	240 V
Number of battery filled slots	3
Number of battery free slots	1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	164 cm
Package 1 Width	111.4 cm
Package 1 Length	68.3 cm
Package 1 Weight	643 kg

Contractual warranty



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	50 796 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 691 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	54 kg CO2 eq.
Carbon footprint of the installation phase [A5]	54 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	47 367 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	630 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
SCIP Number	Dc6af940-cee3-4c52-a4a7-fc487db91a72
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	82
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins