Product datasheet

Specifications

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

E3SP20KHB

Main

Main input voltage	400 V 3 phases 380 V 3 phases 415 V 3 phases
Maximum input current	31 A
Max short time withstand current	16 kA
Input harmonic distortion	Less than 3 % for full load
Load power factor	From 0.7 leading to 0.7 lagging without any derating
Input connection	hard wire
Input frequency	40...70 Hz
Output voltage	400 V 3 phases 380 V 3 phases 415 V 3 phases
Rated power in W	20 kW
Rated power in VA	20 kVA
Output connection	Hard wire
Crest factor	3 : 1
Maximum configurable power in VA	20 kVA
Maximum configurable power in W	20 kW
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Output voltage tolerance	+/- 10%
UPS topology	Double conversion online
Output frequency	50/60 Hz +/- 0.1 %

Complementary

Battery type	Lead-acid internal
Control panel	Touch screen LCD user interface
UPS connectivity	Pre-installed network management card 3
Color	White
Height	140 cm
Width	38 cm
Depth	90.7 cm
Product weight	119 kg
Provided equipment	Dust filter Installation manual

Rates duty January 2016

Redundant	No
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 ISTA 2B
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-25…55 °C
Storage altitude	0…25400 mm
IP protection	IP20
Relative humidity	0…95 %
Storage relative humidity	0…95 % non-condensing
Acoustic level	57 dB
Heat dissipation	2971 Btu/h

Batteries & Runtime

Discharge battery voltage	384 V

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	140 cm
Package 1 Width	38 cm
Package 1 Length	90.7 cm
Package 1 Weight	145 kg

Contractual warranty

Warranty (in months)	12

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	**47 556 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**1 434 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**239 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**16 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**45 633 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**234 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards**
SCIP Number	**65871482-995d-4fb8-960b-f71cf07ec0ba**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**81**
End of life manual availability	End of Life Information
Removable battery	**Yes**
Take-back	**Yes**

Image of product / Alternate images

Alternative

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