

Product datasheet

Specifications



APC Symmetra Floor Mount 4kVA Scalable to 6kVA N+1 220-240V

SYH4K6FMI

Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	230 V
Product or component type	Uninterruptible power supply (UPS)
Main Output Voltage	230 V
Rated power in W	2800 W
rated power in VA	4000 VA
output connection type	8 IEC 60320 C13 2 IEC 60320 C19
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual
Range of product	Symmetra

Batteries & Runtime

Run Time	View Runtime Graph
Number of battery filled slots	2
Number of battery free slots	2
Battery recharge time	4 h
Additional information	UPS accepts 1-2 additional battery packs Configurable for 220 : 230 or 240 nominal output voltage
Battery charger power	305 W rated
Battery life	3...5 year(s)
Extended runtime	1

General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes

Physical

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Colour	Black
Height	35.6 cm
Width	48.3 cm
Depth	73 cm
Net weight	44.59 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire
Input voltage limits	155...276 V
Input Power Factor at Full Load	0.98

Output

Maximum configurable power in W	4200 W
Harmonic distortion	Less than 5 %
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	Up to 5 : 1
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Internal bypass (automatic and manual)
Efficiency	89 % (full load)
Maximum configurable power in VA	6000 VA

Conformance

Product certifications	VDE
Standards	EN/IEC 62040-2

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.0000000000...15240.0000000000 m
Acoustic level	60 dBA
Heat dissipation	1181 Btu/h

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	50.8 cm
Package 1 Width	78.7 cm
Package 1 Length	58.4 cm
Package 1 Weight	116.36 kg

Contractual warranty

Warranty	2 years repair or replace
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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 >](#)

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Under investigation

Use Again


 Repack and remanufacture	
Removable battery	User replaceable
Take-back	No

Image of product / Alternate images

Alternative

