

Product data sheet

Specifications



APC Symmetra RM 6kVA Scalable to 6kVA N+1 220-240V

SYH6K6RMI

Overview

Presentation	This parts kit contains spare parts for the APC product model shown.
Lead time	Usually in Stock

Main

Main Input Voltage	230 V
Product or component type	Uninterruptible power supply (UPS)
Main Output Voltage	230 V
Rated power in W	4200 W
Rated power in VA	6000 VA
output connection type	8 IEC 60320 C13 2 IEC 60320 C19
Number of rack unit	8U
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	User manual Rack mounting brackets Rack mounting support rails CD with software
Range of product	Symmetra

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number of battery filled slots	3
Number of battery free slots	0
Battery recharge time	4 h
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery charger power	458 W rated
Battery life	3...5 year(s)
Extended runtime	1

General

product web sub-family	2kVA power increments
Number of power module	4

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

Number preinstalled power module	3
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes

Physical

Colour	Black
Height	35.6 cm
Width	48.3 cm
Depth	73 cm
Net weight	133.64 kg
mounting location	Front
Mounting preference	Lower
mounting mode	Rack-mounted
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 % at full load
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	C-Tick CE IRAM VDE
Standards	EN 50091-2 EN 60950

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...10000 ft
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	1771 Btu/h

Communications & Management

Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring
Control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency power off	Yes

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	148.64 kg

Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available
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Sustainability


Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class 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 >](#)

Well-being performance

 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins