

Product data sheet

Specifications



APC Symmetra RM 2kVA Scalable to 6kVA N+1 220-240V

SYH2K6RMI


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
Main Output Voltage	230 V
Rated Power In W	1400 W
Rated Power In Va	2000 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

Batteries & Runtime

Run Time	View Runtime Graph 
Number Of Battery Filled Slots	1
Number Of Battery Free Slots	4
Battery Recharge Time	4 h
Additional Information	UPS accepts 1-4 additional battery packs Configurable for 220 : 230 or 240 nominal output voltage
Battery Charger Power	153 W rated
Battery Life	3...5 year(s)
Extended Runtime	1

General

Product Web Sub-Family	2kVA power increments
Number Of Power Module	4
Number Preinstalled Power Module	1
Number Of Power Module Free Slots	0

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 Of Power Module Filled Slots	0
Redundant	Yes

Physical

Colour	Black
Height	35.6 cm
Width	48.3 cm
Depth	73 cm
Net Weight	74.55 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	0.00...15240.00 m
Acoustic Level	60 dBA
Heat Dissipation	590 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	58.4 cm
Package 1 Length	78.7 cm
Package 1 Weight	83.914 kg

Contractual warranty

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

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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 >](#)

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