

Product datasheet

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	220 V AC 1 phase 230 V AC 1 phase 240 V AC 1 phase
Product or component type	Uninterruptible power supply (UPS)
Main Output Voltage	220 V AC 1 phase 230 V AC 1 phase 240 V AC 1 phase
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
Range of product	Symmetra

Complementary

Battery type	Lead-acid internal included
UPS connectivity	Serial port Pre-installed network management card 3
Mounting mode	Rack-mounted with included kit

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
Number of power module filled slots	0
Redundant	Yes

Physical

Colour	Black
Height	356 mm
Width	483 mm
Depth	730 mm
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...15240 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 (in months)	24
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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 >](#)

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	8519b6fb-f7a9-44f8-be44-5dee68362126
REACH Regulation	REACH Declaration
 Energy efficiency	
Energy Efficiency Optimized	Energy efficient product

Use Again



 Repack and remanufacture	
Removable battery	User replaceable
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

