

# Product datasheet

Specifications

**APC**



## APC Symmetra RM 4kVA Scalable to 6kVA N+1 220-240V

SYH4K6RMI

### 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 AC 1 phase  
240 V AC 1 phase

**Product or component type** Uninterruptible power supply (UPS)

**Main Output Voltage** 230 V AC 1 phase  
240 V AC 1 phase

**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 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** 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

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

Battery life	3...5 year(s)
Extended runtime	1
<b>General</b>	
product web sub-family	2kVA power increments
Number of power module	4
Number preinstalled power module	2
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	104.09 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

<b>Product certifications</b>	C-Tick CE IRAM VDE
<b>Standards</b>	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	1181 Btu/h

## Communications & Management

Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring
Control panel	Multifunction LCD status and control console
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	116.116 kg

## Contractual warranty

Warranty (in months)	24
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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
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
REACH Regulation	<a href="#">REACH Declaration</a>

### Energy efficiency

Energy Efficiency Optimized	Energy efficient product
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## 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

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