

# Product datasheet

Specifications



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

SYH4K6RMI

EAN Code: 3606485318677

## Overview

**Presentation** This parts kit contains spare parts for the APC product model shown.

## Main

<b>Main input voltage</b>	230 V AC 1 phase 240 V AC 1 phase
<b>Cos phi</b>	0.98
<b>Efficiency at full load</b>	155...276 V
<b>Input connection</b>	1 hard wire 3-wire
<b>Input frequency</b>	50/60 Hz +/- 5 Hz auto-sensing
<b>Output voltage</b>	230 V AC 1 phase 240 V AC 1 phase
<b>Rated power in W</b>	2800 W
<b>Rated power in VA</b>	4000 VA
<b>Output connection</b>	8 IEC 60320 C13 2 IEC 60320 C19
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Crest factor</b>	Up to 5 : 1
<b>Harmonic distortion</b>	Less than 5 % at full load
<b>Maximum configurable power in VA</b>	6000 VA
<b>Maximum configurable power in W</b>	4200 W
<b>UPS topology</b>	On-Line
<b>Waveform type</b>	Sine wave
<b>Efficiency</b>	89 % (full load)
<b>Output frequency</b>	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised

## Complementary

<b>Battery type</b>	Lead-acid battery
<b>Additional information</b>	UPS accepts 1-2 additional battery packs Configurable for 220 : 230 or 240 nominal output voltage
<b>Extendable runtime</b>	1
<b>Included battery module</b>	2
<b>Empty battery slot</b>	2
<b>Typical recharge time</b>	4 h

<b>Battery life</b>	3...5 year(s)
<b>Battery charging power</b>	305 W rated
<b>Battery type</b>	Lead-acid internal included
<b>Control panel</b>	Multifunction LCD status and control console
<b>Emergency power off</b>	Yes
<b>Free slot</b>	1
<b>Preinstalled device</b>	Network management card 2 with environmental monitoring
<b>UPS connectivity</b>	Serial port Pre-installed network management card 3
<b>Number of rack unit</b>	8U
<b>Number of cables</b>	1
<b>Color</b>	Black
<b>Height</b>	356 mm
<b>Width</b>	483 mm
<b>Depth</b>	730 mm
<b>Product weight</b>	104.09 kg
<b>Mounting location</b>	Front
<b>Mounting preference</b>	Lower
<b>Mounting mode</b>	Rack-mounted
<b>Two post mountable</b>	0
<b>USB compatible</b>	No
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Provided equipment</b>	User manual Rack mounting brackets Rack mounting support rails CD with software
<b>Number of power modules</b>	4
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Number of preinstalled power modules</b>	2
<b>Additional specification</b>	2kVA power increments
<b>Redundant</b>	Yes
<b>Range of product</b>	Symmetra
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Performance multiplier</b>	1
<b>Value multiplier</b>	1
<b>Size UPS version</b>	Internetworking Server Telecom
<b>Curve equation</b>	Efficiency
<b>Curve load maximum</b>	100 %
<b>Curve x-axis maximum</b>	100 %
<b>Curve x-axis minimum</b>	0 %

Curve x-axis title	Load
Curve x-axis unit	Percentage
Curve y-axis maximum	100 %
Curve y-axis minimum	50 %
Curve y-axis title	Efficiency
Curve y-axis unit	Percentage
Graph display	1
Operating temperature note	No
UPS size	L

## Environment

Product certification	C-Tick CE IRAM VDE
Standard	EN 50091-2 EN 60950
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...15240 m
Relative humidity	0...95 %
Storage relative humidity	0...95 %
Acoustic level	60 dBA
Heat dissipation	1181 Btu/h
Operating altitude	0...10000 ft

## General

Tare power	155 W
------------	-------

## 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

## Logistical informations

Country of origin	PH
-------------------	----

## Contractual warranty

Warranty (in months)	24
----------------------	----



## 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	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

### Use Longer

#### Lifetime extension

Repair	No
--------	----

### Use Again

#### Repack and remanufacture

Removable battery	User replaceable
Take-back	No
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

---

