

# Product datasheet

Specifications

**APC**



## 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

### 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	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

## Batteries & Runtime

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 power in VAH	612 VAh runtime
Battery life	3...5 year(s)
Replacement battery	<a href="#">SYBT2</a> <a href="#">↗</a>
Battery option	SYBT2 1 1224 VAh SYBT2 2 1836 VAh SYBT2 3 2448 VAh SYBT2 4 3060 VAh
Extended runtime	1

## 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

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes

## Contractual warranty

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

## Recommended replacement(s)