

Product datasheet

Specifications



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

SYH2K6RMI

Price: 97,980.00 ZAR

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
Cos phi	0.98
Input voltage limits	155...276 V
Number of input connectors	1 hard wire 3-wire
Network frequency	50/60 Hz +/- 5 Hz auto-sensing
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
Bypass type	Internal bypass (automatic and manual)
Crest factor	Up to 5 : 1
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	6000 VA
Maximum configurable power in W	4200 W
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	89 % (full load)
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised

Complementary

Battery type	Lead-acid battery
Additional information	UPS accepts 1-4 additional battery packs Configurable for 220 : 230 or 240 nominal output voltage
Extended runtime	1
Number of battery filled slots	1

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Number of battery free slots	4
Battery recharge time	4 h
Battery life	3...5 year(s)
Battery charger power	153 W rated
Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
UPS connectivity	Serial port Pre-installed network management card 3
Number of rack unit	8U
Number of cables	1
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
Mounting mode	Rack-mounted with included kit
Provided equipment	User manual Rack mounting brackets Rack mounting support rails CD with software
Number of power module	4
Number of power module filled slots	0
Number of power module free slots	0
Number preinstalled power module	1
Additional specification	2kVA power increments
Redundant	Yes
Range of product	Symmetra
Product or component type	Uninterruptible power supply (UPS)
Performance multiplier	1
Number of tare power	85 W
Value multiplier	1
Size UPS version	Internetworking Server Telecom

Curve equation	Efficiency
Curve load maximum	100 %
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	C
Liquid value	0
Battery design life	2 year(s)
UPS design life	10 year(s)
Battery power in VAH	612 VAh runtime
Battery option	SYBT2 1 1224 VAh SYBT2 2 1836 VAh SYBT2 3 2448 VAh SYBT2 4 3060 VAh
UPS size	L

Environment

Product certifications	C-Tick CE IRAM VDE
Standards	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	590 Btu/h
Operating altitude	0...10000 ft

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
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Package 1 Weight	83.914 kg
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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](#)

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

