

# Product datasheet

Specifications



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

SYH6K6RMI

**Price: 224,480.00 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	4200 W
rated power in VA	6000 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	Configurable for 220 : 230 or 240 nominal output voltage
Extended runtime	1
Number of battery filled slots	3
Number of battery free slots	0

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

<b>Battery recharge time</b>	4 h
<b>Battery life</b>	3...5 year(s)
<b>Battery charger power</b>	458 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 slots</b>	1
<b>Preinstalled device</b>	Network management card 2 with environmental monitoring
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : configurable delays
<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>Colour</b>	Black
<b>Height</b>	356 mm
<b>Width</b>	483 mm
<b>Depth</b>	730 mm
<b>Net weight</b>	133.64 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 module</b>	4
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Number preinstalled power module</b>	3
<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>Number of tare power</b>	225 W
<b>Value multiplier</b>	1
<b>Size UPS version</b>	Internetworking Server Telecom
<b>Curve equation</b>	Efficiency

Curve fixed loss	0.0532
Curve load maximum	100 %
Curve load minimum	6 %
Curve proportional loss	0.0210
Curve square loss	0.0237
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
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	1836 VAh runtime
Battery option	SYRMXR2B4I 1 3000 VAh SYRMXR4B4I 1 4200 VAh SYRMXR4B4I 2 6600 VAh SYRMXR4B4I 3 9000 VAh SYRMXR4B4I 4 11400 VAh SYRMXR4B4I 5 13800 VAh SYRMXR4B4I 6 16200 VAh SYRMXR4B4I 7 18600 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	1771 Btu/h

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Operating altitude	0...10000 ft
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	50.8 cm
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Package 1 Width	78.7 cm
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Package 1 Length	58.4 cm
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Package 1 Weight	148.64 kg
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## Contractual warranty

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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

2d54512b-134b-4bf3-ab6e-849ecf1e3919

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

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