

# Product data sheet

Specifications



## APC Symmetra RM 6kVA Scalable to 6kVA N+1 208/240V w/208 to 120V Step-Down Transformer

SYH6K6RMT-P1


### Overview

Lead time	Usually in Stock
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### Main

Main Input Voltage	208 V
product or component type	Uninterruptible power supply (UPS)
Main Output Voltage	120 V 208 V
Rated power in W	4200 W
Rated power in VA	6000 VA
Input Connection Type	NEMA L6-30P 30 A
output connection type	12 NEMA 5-20R 2 NEMA L6-20R
Number of rack unit	10U
Cable length	3.05 m
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

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a> 
Number of battery filled slots	3
Number of battery free slots	0
Battery recharge time	3 h
Additional information	Configurable for 208 or 240 nominal output voltage
Battery charger power	610 W rated
Battery life	3...5 year(s)
Extended runtime	1

### General

product web sub-family	2kVA power increments
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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

Number of power module	4
Number preinstalled power module	3
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes

## Physical

Colour	Black
Height	44.5 cm
Width	48.3 cm
Depth	73 cm
net weight	176.82 kg
mounting location	Front
Mounting preference	Lower
mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No

## Input

Network frequency	60 Hz +/- 3 Hz
Number of input connectors	1 hard wire 3-wire (2P + E)
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	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 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	85 % (full load)
Maximum configurable power in VA	6000 VA

## Conformance

Product certifications	CSA
Standards	FCC part 15 class A UL 1778

## 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	0.0000000000...15240.0000000000 m
Acoustic level	60 dBA
heat dissipation	2529 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	78.7 cm
Package 1 Length	58.4 cm
Package 1 Weight	198.64 kg

## Contractual warranty

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

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

 **Rohs Exemption Information**   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="#">www.P65Warnings.ca.gov</a>