

# Product data sheet

Specifications



## APC Symmetra RM 6kVA Scalable to 6kVA N+1 208/240V

SYH6K6RMT

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	208 V
Product or Component Type	Uninterruptible power supply (UPS)
Main Output Voltage	208 V
Kw Rating	4200 W
Rated power in VA	6000 VA
Input Connection Type	NEMA L6-30P 30 A
output connection type	2 NEMA L6-20R 1 NEMA L6-30R
number of rack unit	8U
Cable length	10 ft (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>
Efficiency	<a href="#">View Efficiency Graph</a>
Included Battery Modules	3
Battery Slots Empty	0
Typical recharge time	4 h
Additional information	Configurable for 208 or 240 nominal output voltage
Battery Charge Power (Watts)	458 W rated
Battery life	3...5 year(s)
Extendable Run Time	1

### General

product web sub-family 2kVA power increments

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of power module	4
Number preinstalled power module	3
Number of power module free slots	1
Number of power module filled slots	3
Redundant	Yes

## Physical

color	Black
Height	14.02 in (35.6 cm)
Width	19.02 in (48.3 cm)
Depth	28.7 in (73 cm)
Net Weight	294.63 lb(US) (133.64 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	No

## Input

Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Number of input connectors	1 Hard Wire 3-wire (2PH + G)
Efficiency at full load	155...276 V
Input Power Factor at Full Load	0.98

## Output

Max Configurable Power (Watts)	4200 W
Harmonic distortion	Less than 5 % at full load
Output Frequency (sync to mains)	57...63 Hz for 60 Hz nominal sync to mains 60 Hz not synced
Crest factor	Up to 5 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Internal Bypass (Automatic and Manual)
Efficiency at full load	89 % full load)
Maximum configurable power in VA	6000 VA

## Conformance

Product Certifications	CSA
Standards	FCC Part 15 class A UL 1778

## Environmental

<b>Ambient Air Temperature for Operation</b>	32...104 °F (0...40 °C)
<b>Relative Humidity</b>	0...95 %
<b>Operating altitude</b>	0...10000 ft
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage Relative Humidity</b>	0...95 %
<b>Storage altitude</b>	0...50000 ft (0.0000000000...15240.0000000000 m)
<b>Acoustic level</b>	60 dBA
<b>Online Thermal Dissipation</b>	1771 Btu/h

## Communications & Management

<b>Free slots</b>	1
<b>Pre-Installed SmartSlot™ Cards</b>	Network management card 2 with environmental monitoring
<b>Control panel</b>	Multi-function LCD status and control console
<b>Emergency Power Off (EPO)</b>	Yes

## Ordering and shipping details

<b>GTIN</b>	731304740278
<b>Country of origin</b>	IN

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	20.0000000000 in (50.8 cm)
<b>Package 1 Width</b>	31.0 in (78.7 cm)
<b>Package 1 Length</b>	23.0 in (58.4 cm)
<b>Package 1 Weight</b>	327.70 lb(US) (148.64 kg)

## Contractual warranty

<b>Warranty</b>	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 >](#)



Energy Efficient Take-back

## Resource performance

✓ Energy Efficient Product

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✓ Take-Back Program Available

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## Well-being performance

✓ Rohs Exemption Information Yes

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Reach Regulation [REACH Declaration](#)

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Eu Rohs Directive Compliant with Exemptions

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China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information.

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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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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