

Product data sheet

Specifications



APC Symmetra RM 6kVA Scalable to 6kVA N+1 200V

SYH6K6RMJ

Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	200 V
product or component type	Uninterruptible power supply (UPS)
Main Output Voltage	200 V
Rated power in W	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	1.8 m
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	Installation manual in japanese Rack mounting brackets Rack mounting support rails User guide in japanese User manual Web/SNMP management card
Range of product	Symmetra

Batteries & Runtime

Run Time	View Runtime Graph
Number of battery filled slots	3
Number of battery free slots	1
Battery recharge time	4 h
Battery charger power	449 W rated
Battery life	3...5 year(s)
Replacement battery	RBC31
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	36 cm
Width	48 cm
Depth	73 cm
net weight	135 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 (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 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 47...53 Hz for 50 Hz nominal sync to mains
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	VCCI
Standards	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	1771 Btu/h

Communications & Management

Free slots	1
Preinstalled device	Network management card with environmental monitoring
Emergency power off	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	51 cm
Package 1 Width	79 cm
Package 1 Length	58 cm
Package 1 Weight	149 kg

Contractual warranty

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

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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 >](#)

Eu Rohs Directive

Will be compliant – Date to be confirmed
