

Product data sheet

Specifications



APC Symmetra RM 4kVA Scalable to 6kVA N+1 208/240V

SYH4K6RMT

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	208 V
Rated power in W	2800 W
Rated power in VA	4000 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	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	View Runtime Graph 
Number of battery filled slots	2
Number of battery free slots	2
Battery recharge time	4 h
Additional information	UPS accepts 1-2 additional battery packs Configurable for 208 or 240 nominal output voltage
Battery charger power	305 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	2
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes

Physical

Colour	Black
Height	35.6 cm
Width	48.3 cm
Depth	73 cm
Net weight	104.09 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 60 Hz unsynchronised
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	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	1181 Btu/h

Communications & Management

Free slots	1
Preinstalled device	Network management card 2 with environmental monitoring
control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
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	116.36 kg

Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available
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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
REACH Regulation	REACH Declaration
China RoHS Regulation	China RoHS declaration
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

 Energy efficiency	
Optimized Energy Efficiency	Energy efficient product

Use Again

 Repack and remanufacture	
Removable battery	User replaceable
Take-back	Yes