Product datasheet

Specifications

APC

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

SYH6K6RMI

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
Product or component type	Uninterruptible power supply (UPS)
Main 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
Number of rack unit	8U
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

Complementary

Battery type	Lead-acid internal included
UPS connectivity	Serial port Pre-installed network management card 3
Mounting mode	Rack-mounted with included kit

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number of battery filled slots	3
Number of battery free slots	0
Battery recharge time	4 h

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery charger power	458 W rated
Battery life	3…5 year(s)
Extended runtime	1

General

product web sub-family	2kVA power increments
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	356 mm
Width	483 mm
Depth	730 mm
Net weight	133.64 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
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	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 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	89 % (full load)
Maximum configurable power in VA	6000 VA

Conformance

Product certifications	C-Tick CE IRAM VDE
Standards	EN 50091-2 EN 60950

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…15240 m
Acoustic level	60 dBA
Heat dissipation	1771 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	148.64 kg

Contractual warranty

Warranty (in months)	24

🌓 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**	
Energy efficiency		
Energy Efficiency Optimized	**Energy efficient product**	

Use Again

Repack and remanufacture		
Removable battery	**User replaceable**	
Take-back	**Yes**	
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**	

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Image of product / Alternate images

Alternative