Product data sheet

Specifications

APC Symmetra RM 12kVA Scalable to 12kVA N+1 or 16kVA 220-240V

SYP12K12RMI

⊘ **Discontinued on:** Nov 9, 2023

⊘ **Discontinued**

Overview

Lead Time	Usually in Stock

Main

Main Input Voltage	230 V
Main Output Voltage	230 V
Rated Power In W	8400 W
Rated Power In Va	12000 VA
Output Connection Type	24 IEC 60320 C13 6 IEC 60320 C19
Output Connector Type	Hard wire 3-wire (H N + E) 1
Number Of Rack Unit	15U
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	User manual Rack mounting brackets Rack mounting support rails CD with software

Batteries & Runtime

Number Of Battery Filled Slots	3
Number Of Battery Free Slots	1
Battery Recharge Time	3 h
Additional Information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Charger Power	805 W rated
Battery Life	3…5 year(s)
Extended Runtime	1

General

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	66.68 cm
Width	48.26 cm
Depth	73.66 cm
Net Weight	205.46 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted
Usb Compatible	No

Input

Network Frequency	50/60 Hz +/- 5 Hz manual switch
Number Of Input Connectors	1 hard wire 3-wire (1P + N + E)
Input Voltage Limits	155...276 V
Input Power Factor At Full Load	0.98

Output

Maximum Configurable Power In W	8400 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	91 % (full load)
Maximum Configurable Power In Va	12000 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	0.00…15240.00 m

Acoustic Level	62 dBA
Heat Dissipation	2834 Btu/h

Communications & Management

Free Slots	1
Preinstalled Device	Network management card 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	73.66 cm
Package 1 Width	48.26 cm
Package 1 Length	66.7 cm
Package 1 Weight	223.64 kg

Contractual warranty

Warranty	2 years repair or replace

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Guide to assess a product's sustainability ›

Eu Rohs Directive	Under investigation