

Product data sheet

Specifications



APC Symmetra RM 12kVA
Scalable to 12kVA N+1 or 16kVA
208/240V- (2) 208 to 120V 5kVA
Xfmr (8) L5-20R

SYP12K12RMT-2TF3

⚠ Discontinued - Service only

⚠ Discontinued on: Dec 31, 2005

⚠ End-of-service on: Dec 31, 2015

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	208 V
Main Output Voltage	120 V 208 V
Rated Power In W	8400 W
Rated Power In Va	12000 VA
Nb Of Power Socket Outlets	8 NEMA L5-20R 6 NEMA L6-20R 1 NEMA L6-30R
Output Connector Type	Hard wire 3-wire (2P + E) 1
Number Of Rack Unit	19U
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	CD with software Rack mounting brackets Rack mounting support rails User manual

Batteries & Runtime

Run Time	View Runtime Graph
Number Of Battery Filled Slots	3
Number Of Battery Free Slots	1
Battery Recharge Time	3 h
Battery Charger Power	805 W rated
Battery Power In Vah	2423 VAh runtime
Battery Life	3...5 year(s)

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

Battery Option	SYBT3 1 3230 VAh
	SYRMR4B4 1 4712 VAh
	SYRMR4B4 2 7001 VAh
	SYRMR4B4 3 9290 VAh
	SYRMR4B4 4 11579 VAh
	SYRMR4B4 5 13868 VAh
	SYRMR4B4 6 16157 VAh
	SYRMR4B4 7 18446 VAh
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	84.5 cm
Width	48.3 cm
Depth	73.7 cm
Net Weight	291.82 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	60 Hz +/- 5 Hz
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	8400 W
Harmonic Distortion	Less than 5 % at full load
Output Frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 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	87 % (full load)

Maximum Configurable Power In Va	12000 VA
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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	4282 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

Package 1 Weight	314.56 kg
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Contractual warranty

Warranty	2 years repair or replace
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Sustainability

Green Premium™ label 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- 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 >](#)

Eu Rohs Directive

Under investigation
