

Symmetra

APC Symmetra RM 12kVA Scalable to 12kVA N+1 or 16kVA 208/240V w/(2) 208 to 120V 5kVA Step-Down Trans



APC Symmetra, 8400 Watts / 12 kVA, Input 208V / Output 120V, 208V , Interface Port DB-9 RS-232, RJ-45 10 Base-T ethernet for web/ SNMP/ Telnet management. SmartSlot . Rack Height 19 U

Includes: CD with software, Rack Mounting brackets, Rack Mounting support rails, User Manual



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Technical Specifications

Product Overview

Documentation

Software & Firmware

Options

Ratings and Reviews

Output

Output Power Capacity	8400 Watts / 12 kVA
Max Configurable Power	8400 Watts / 12 kVA
Nominal Output Voltage	120V, 208V
Efficiency at Full Load	87.0%
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal
Crest Factor	up to 5 : 1
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (2PH + G) (24) NEMA 5-20R (6) NEMA L6-20R (1) NEMA L6-30R



Bypass

Internal Bypass (Automatic and Manual)

Input

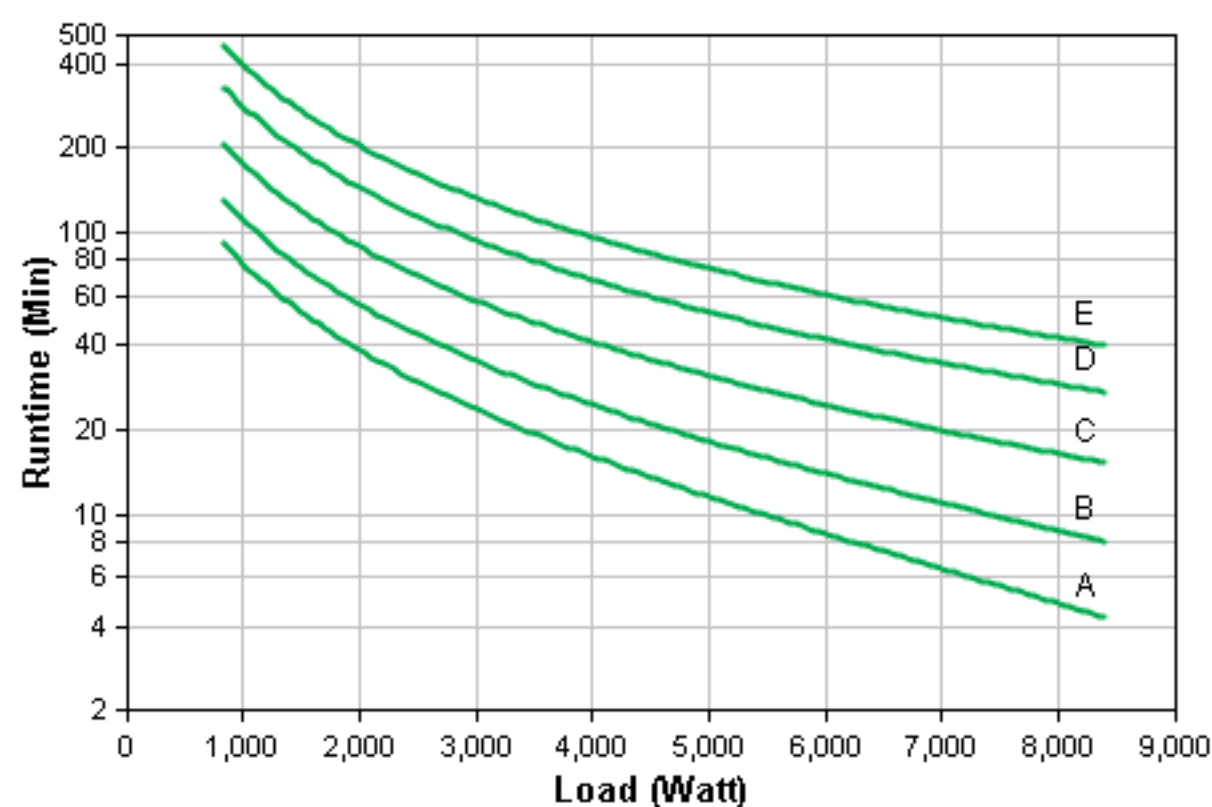
Nominal Input Voltage	208V
Input Frequency	60 Hz +/- 5 Hz
Input Connections	Hard Wire 3-wire (2PH + G)
Input voltage range for main operations	155 - 276V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	3
Available Battery Slots	1
Typical recharge time	3 hour(s)

Runtime Graph

Curve	Part Number(s)
A	SY12K12RMT-P2
B	SY12K12RMT-P2 + (1)SYBT3
C	SY12K12RMT-P2 + (1)SYRMR4B4
D	SY12K12RMT-P2 + (2)SYRMR4B4
E	SY12K12RMT-P2 + (3)SYRMR4B4



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)[View Runtime Chart](#)

Communications & Management

Interface Port(s)	DB-9 RS-232,RJ-45 10 Base-T ethernet for web/ SNMP/ Telnet management,SmartSlot
Available SmartSlot™ Interface Quantity	1
Pre-Installed SmartSlot™ Cards	AP9619
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

Physical

Maximum Height	845.00 mm
Maximum Width	483.00 mm
Maximum Depth	737.00 mm
Rack Height	19U
Net Weight	291.82 KG
Shipping Weight	314.55 KG
Color	Black

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	62.00 dBA
Online Thermal Dissipation	4282.00 BTU/hr

Conformance

Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	2 years repair or replace