



APC Symmetra LX 16kVA Scalable to 16kVA N+1 Rack- mount, 208/240V

Part Number: SYA16K16RMP



Output

Output Power Capacity	12.8 kW / 16 kVA
Max Configurable Power	12.8 kW / 16 kVA
Nominal Output Voltage	120V,208V
Output Voltage Note	Configurable for 120/208 or 120/240 output voltage
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 63 Hz
Crest Factor	up to 5 : 1
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (2PH + N +G) (4) NEMA L14-30R



(8) NEMA L5-20R



Bypass Internal Bypass (Automatic and Manual), Optional External Bypass

Input

Nominal Input Voltage 208V

Input Frequency 45 - 65 Hz (auto sensing)

Input Connections Hard Wire 4-wire (2PH+N+G)

Input voltage range for main operations 96 - 138 (Line to Neutral)V

Other Input Voltages 240V

Input Total Harmonic Distortion Less than 7% for full load

Batteries & Runtime

Battery Type Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof

Included Battery Modules 4

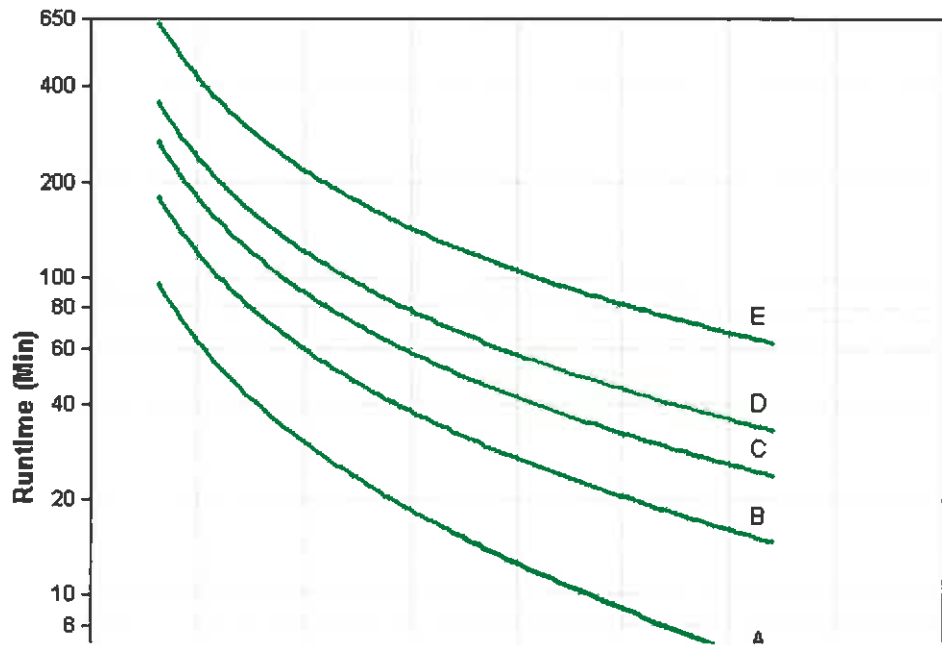
Typical recharge time 3 hour(s)

Replacement Battery [SYBT5](#)

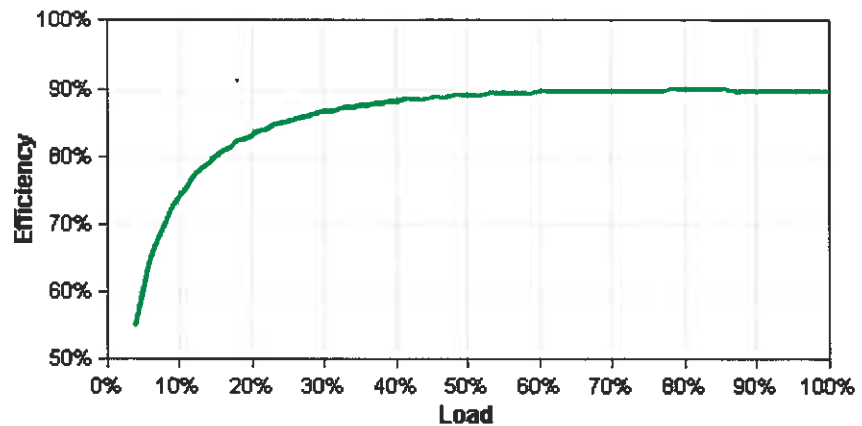
Extended Run Options [APC Symmetra LX 16kVA Scalable to 16kVA N+1 Rack-mount, 208/240V](#)

Runtime Graph

Curve	Part Number(s)
A	SYA16K16RMP
B	SYA16K16RMP + (1) SYARMXR3B3
C	SYA16K16RMP + (2) SYARMXR3B3
D	SYA16K16RMP + (1) SYARMXR9B9
E	SYA16K16RMP + (2) SYARMXR9B9



Energy Use/Efficiency



Hover over the line on the graph above to view the efficiency 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 Chart](#)

Communications & Management

Interface Port(s) DB-9 RS-232, Smart-Slot

Available 1
SmartSlot™ Interface
Quantity

Pre-Installed [AP9619](#)
SmartSlot™ Cards

Control panel Multi-function LCD status and control console

Audible Alarm Audible and visible alarms prioritized by severity

Emergency Power Off Yes

(EPO)**Physical**

Maximum Height	32.90 inches (836 mm)
Maximum Width	18.60 inches (472 mm)
Maximum Depth	27.10 inches (688 mm)
Rack Height	19U
Net Weight	631.00 lbs. (286.82 kg)
Shipping Weight	749.00 lbs. (340.45 kg)
Shipping Height	41.50 inches (1054 mm)
Shipping Width	23.60 inches (599 mm)
Shipping Depth	39.25 inches (997 mm)
Color	Black,Silver
Units per Pallet	1.00

Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	5 - 113 °F (-15 - 45 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 feet (0-4500 meters)
Audible noise at 1 meter from surface of unit	62.00 dBA

Online Thermal 4995.00 BTU/hr
Dissipation

Conformance

Regulatory Approvals CSA,FCC Part 15 Class A,UL 1778

Standard Warranty 2 years repair or replace

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.

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