

Symmetra

APC Symmetra LX 16kVA Scalable to 16kVA N+1 Rack-mount, 220/230/240V or 380/400/415V



APC Symmetra, 11.2 kW / 16 kVA, Input 230V, 400V 3PH / Output 230V, Interface Port DB-9 RS-232, Smart-Slot, Extended runtime model, Rack Height 19 U

Includes: CD with software, Documentation CD, Installation guide, User Manual, Web/SNMP Management Card

Output

Output Power Capacity

11.2 kW / 16 kVA

Max Configurable Power

11.2 kW / 16 kVA

Nominal Output Voltage

230V

Output Voltage Note

Configurable for 220 : 230 or 240 nominal output voltage

Efficiency at Full Load

90%

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 3-wire (H N + G)

(8) IEC 320 C13



(10) IEC 320 C19

Bypass

Internal Bypass (Automatic and Manual)

Input

Nominal Input Voltage

230V,400V 3PH

Input Frequency

45 - 65 Hz (auto sensing)

Input Connections

Hard Wire 3 wire (1PH+N+G)

Hard Wire 5-wire (3PH + N + G)

Input voltage range for main operations

155 - 276,290 - 480 (3:1)V

Other Input Voltages

220V,240V,380V,415V

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

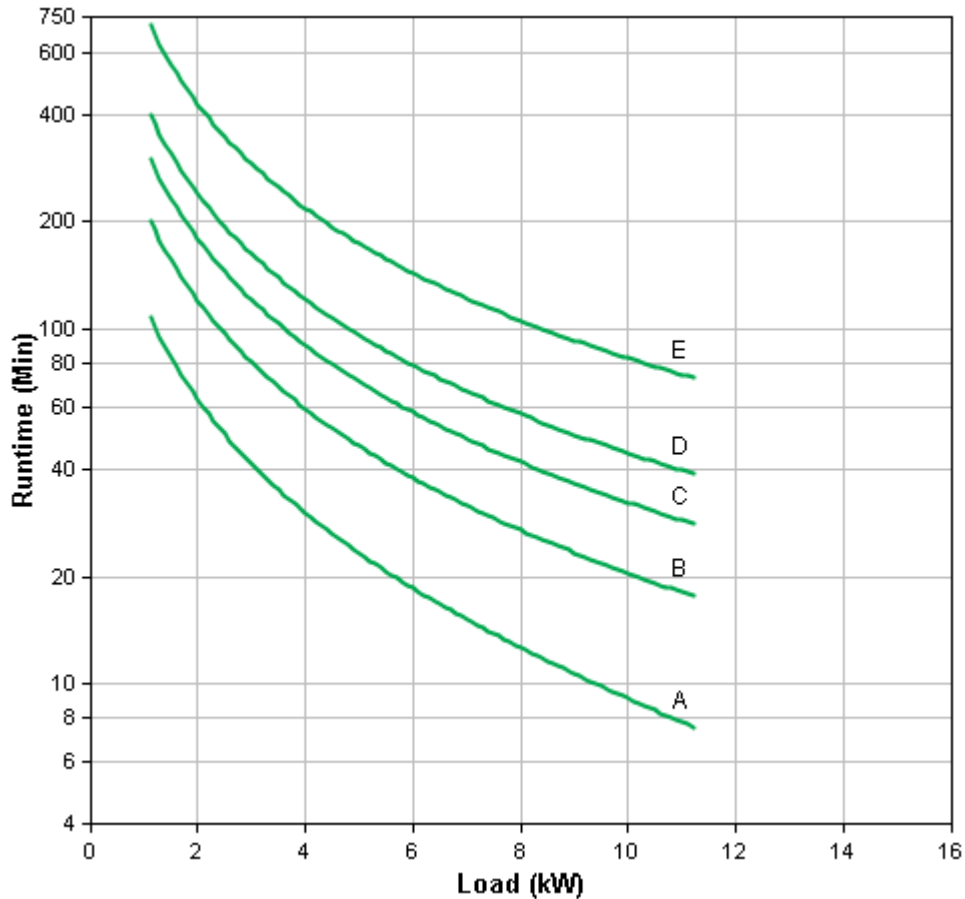
[SYBT5](#)

Extended Run Options

[APC Symmetra LX 16kVA Scalable to 16kVA N+1 Rack-mount, 220/230/240V or 380/400/415V](#)

Runtime Graph

Curve	Part Number(s)
A	SYA16K16RMI
B	SYA16K16RMI + (1)SYARMXR3B3I
C	SYA16K16RMI + (2)SYARMXR3B3I
D	SYA16K16RMI + (1)SYARMXR9B9I
E	SYA16K16RMI + (2)SYARMXR9B9I



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.

Communications & Management

Interface Port(s)

DB-9 RS-232, Smart-Slot

Available SmartSlot™ Interface Quantity

1

Pre-Installed SmartSlot™ Cards

[AP9619](#)

Control panel

Multi-function LCD status and control console

Audible Alarm

Audible and visible alarms prioritized by severity

Emergency Power Off (EPO)

Yes

Physical

Maximum Height

838.00 mm

Maximum Width

472.00 mm

Maximum Depth

688.00 mm

Rack Height

19U

Net Weight

286.82 KG

Shipping Weight

340.45 KG

Shipping Height

1054.00 mm

Shipping Width

599.00 mm

Shipping Depth

997.00 mm

Color

Black,Silver

Units per Pallet

1.00

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

0-4500 meters

Audible noise at 1 meter from surface of unit

62.00 dBA

Online Thermal Dissipation

3707.00 BTU/hr

Conformance

Regulatory Approvals

C-tick,CE,EN 50091-1,EN 50091-2,EN 55022 Class A,EN 55024,EN 60950,GOST,IEC 60950,VDE

Standard Warranty

2 years repair or replace

*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

**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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