

Symmetra
APC Symmetra 16kVA Scalable to 16kVA N+1 208/240V w/Outlets



APC Symmetra, 11.2 kW / 16 kVA, Input 208V / Output 120V, 208V , Interface Port DB-9 RS-232, SmartSlot

Includes: CD with software, User Manual

★★★★★
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More Images

SY16K-PD

DISCONTINUED : recommended replacement product [SYA16K16P](#)

Email Technical Specifications
Printer Friendly

Product Category

- Computer and Peripheral (5)
- Home UPS (2)
- Network and Server
 - Smart-UPS
 - Smart-UPS On-Line
 - Symmetra**
- Data Center and Facility 3 Phase (14)
- UPS Management (7)

Return to Uninterruptible Power Supply (UPS)

Technical Specifications Product Overview Documentation Software & Firmware Options Ratings and Reviews

Output

Output Power Capacity	11.2 kW / 16 kVA
Max Configurable Power	11.2 kW / 16 kVA
Nominal Output Voltage	120V,208V
Output Voltage Note	Configurable for 120/208 or 120/240 output voltage
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
Other Output Voltages	240
Crest Factor	up to 5 : 1
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (2PH + G) (1) Hard Wire 4-wire (2PH + N +G) (4) NEMA 5-15R (3) NEMA L14-30R (3) NEMA L6-30R



Bypass Internal Bypass (Automatic and Manual)

Input

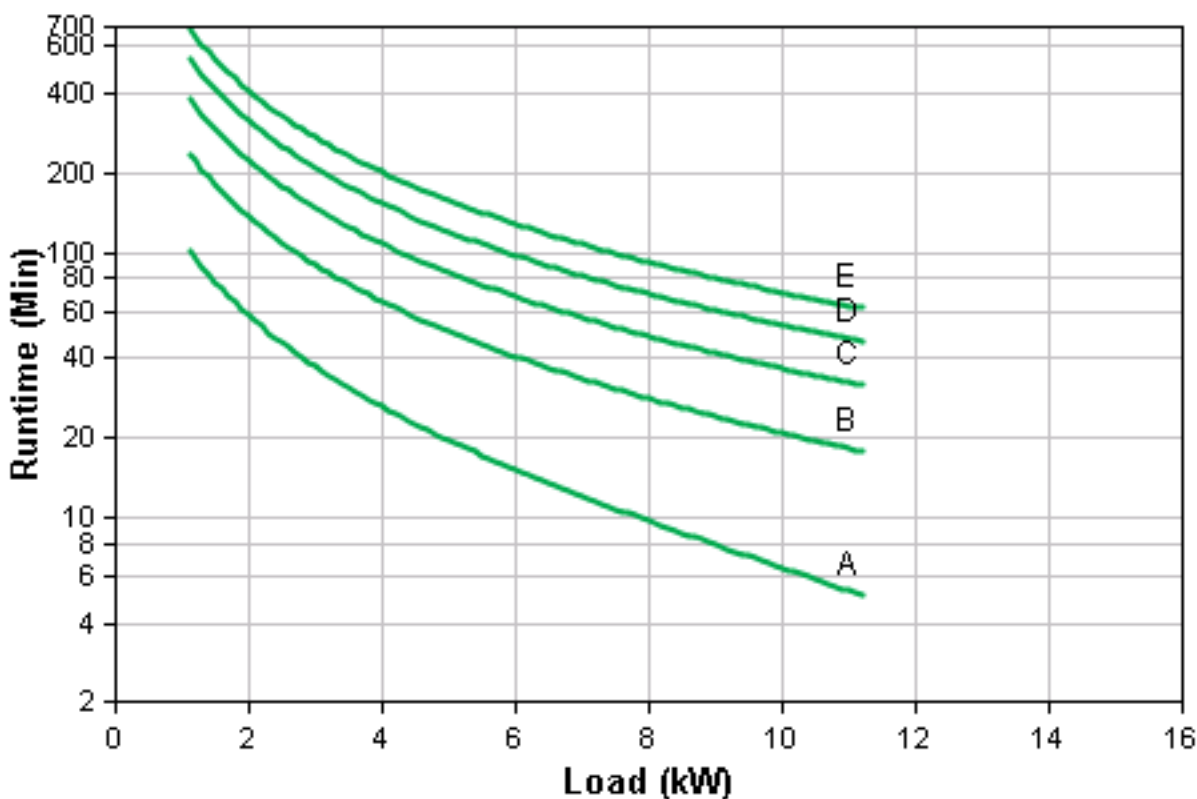
Nominal Input Voltage	208V
Input Frequency	45 - 65 Hz (auto sensing)
Input Connections	Hard Wire 3-wire (2PH + G)
Input voltage range for main operations	155 - 276V
Other Input Voltages	240

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	SYBATT

Runtime Graph

Curve	Part Number(s)
A	SY16K-PD
B	SY16K-PD + (1)SYXR4B12
C	SY16K-PD + (1)SYXR8B12
D	SY16K-PD + (1)SYXR12B12
E	SY16K-PD + (2)SYXR8B12



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,SmartSlot
Available SmartSlot™ Interface Quantity	3
Pre-Installed SmartSlot™ Cards	AP9617
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	1321.00 mm
Maximum Width	610.00 mm
Maximum Depth	686.00 mm
Net Weight	431.36 KG
Shipping Weight	489.10 KG
Shipping Height	1575.00 mm
Shipping Width	838.00 mm
Shipping Depth	737.00 mm
Color	Beige

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	4969.00 BTU/hr

Conformance

Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	2 years repair or replace,optional on-site warranties available,optional extended warranties available

**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.