

# SYA16K16RMI

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



## Overview

Model Name	APC Symmetra LX 16kVA Scalable to 16kVA N+1 Rack-mount, 220/230/240V or 380/400/415V
Includes	CD with software , Documentation CD , Installation guide , User Manual , Web/SNMP Management Card
Standard Lead Time	Usually in Stock
Product Distribution	Afghanistan , Albania , Algeria , Andorra , Angola , Antigua And Barbuda , Argentina , Armenia , Australia , Austria , Azerbaijan , Bahrain , Bangladesh , Belarus , Belgium , Benin , Bhutan , Bolivia , Bosnia And Herzegovina , Botswana , Brazil , Brunei Darussalam , Bulgaria , Burkina Faso , Burundi , Cambodia , Cameroon , Central African Republic , Chad , Chile , Congo , CONGO, THE DEMOCRATIC REPUBLIC OF THE , Cook Islands , <![CDATA[Cote D'Ivoire]]> , Croatia , Cyprus , Czech Republic , Denmark , Djibouti , Dominica , East Timor , Egypt , Equatorial Guinea , Eritrea , Estonia , Ethiopia , Falkland Islands (Malvinas) , Fiji , Finland , France , Gabon , Gambia , Georgia , Germany , Ghana , Gibraltar , Greece , Grenada , Guinea , Hong Kong , Hungary , Iceland , India , Indonesia , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jordan , Kazakhstan , Kenya , KOREA, REPUBLIC OF , Kuwait , Latvia , Lebanon , Lesotho , Liberia , Liechtenstein , Lithuania , Luxembourg , Macedonia , Malawi , Malaysia , Mali , Malta , Martinique , Mauritania , Moldova, Republic Of , Mongolia , Morocco , Mozambique , Myanmar , Namibia , Nepal , Netherlands , Netherlands Antilles , New Zealand , Niger , Nigeria , Norway , Oman , Pakistan , Papua New Guinea , Paraguay , Peru , Philippines , Poland , Portugal , Qatar , Reunion , Romania , Russian Federation , Rwanda , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Saudi Arabia , Senegal , Sierra Leone , Singapore , Slovakia (Slovak Republic) , Slovenia , Somalia , South Africa , Spain , Sri Lanka , Sudan , Suriname , Sweden , Switzerland , Taiwan , Tajikistan , TANZANIA, UNITED REPUBLIC OF , Thailand , Togo , Tunisia , Turkey , Turkmenistan , Uganda , Ukraine , United Arab Emirates , Uruguay , Uzbekistan , Viet Nam , Western Sahara , Yemen , Zambia , Zimbabwe

## Output

Output Power Capacity	11.2 KW / 16.0 kVA
Max Configurable Power (Watts)	11.2 KW / 16.0 kVA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 63 Hz
Other Output Voltages	220, 240V
Crest Factor	Up to 5 : 1
Crest Factor	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (H N + G) (Battery Backup) , (10) IEC 320 C19 (Battery Backup) , (8) IEC 320 C13 (Battery Backup)

Bypass	Internal Bypass (Automatic and Manual)
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## Input

Nominal Input Voltage	230V , 400 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 V , 290 - 480 (3:1) V
Other Input Voltages	220V , 240V , 380V ,
Maximum Input Current	0 A
Input Breaker Capacity	0 A
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
Battery Slots Empty	0
Typical recharge time	3 hour(s)
Replacement Battery	SYBT5
RBC Quantity	0

## Communications & Management

Interface Port(s)	DB-9 RS-232 , RJ-45 10/100 Base-T , Smart-Slot
Available SmartSlot™ Interface Quantity	1
Pre-Installed SmartSlot™ Cards	AP9631
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	838.0 mm
Maximum Width	472.0 mm
Maximum Depth	688.0 mm
Rack Height	19 U
Net Weight	286.82 kg
Shipping Weight	340.45 kg
Shipping Height	1054.0 mm
Shipping Width	599.0 mm
Shipping Depth	997.0 mm
Master Carton Units	0.0
Master Carton Weight	0.0 lbs
Color	Black , Silver
Units per Pallet	1.0

## 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

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Audible noise at 1 meter from surface of unit	62.000 dB
Online Thermal Dissipation	3707.000 BTU/hr

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### Conformance

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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

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