

**APC Symmetra LX 12kVA Scalable to 16kVA
 N 1 Rack-mount, 220/230/240V or
 380/400/415V
 Part Number: SYA12K16RMI**



Output

Output Power Capacity	8400 Watts / 12 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	90.00%
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



Input

Bypass	Internal Bypass (Automatic and Manual)
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

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)
Typical Backup Time at Half Load	20.2 minutes (4200 Watts)
Typical Backup Time at Full Load	7.5 minutes (8400 Watts)
Runtime Chart	Symmetra LX
Extended Run Options	APC Symmetra LX 12kVA Scalable to 16kVA N+1 Rack-mount, 220/230/240V or 380/400/415V

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	242.73 KG
Shipping Weight	290.00 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 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

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