Technical Specifications

APC Symmetra LX 12kVA scalable to 16kVA N+1 Tower, 220/230/240V or 380/400/415V | SYA12K16I | Downloaded on 09/12/2021 (EST)

Life Is On | **APC** by Schneider Electric

APC Symmetra LX 12kVA scalable to 16kVA N+1 Tower, 220/230/240V or 380/400/415V

SYA12K16I

Call for More Information 13 73 28

- High performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks.
- Includes: CD with software, Documentation CD, Installation guide, User manual, Web/SNMP management card

Output

Output power capacity	8.4kWatts / 12.0kVA
Max Configurable Power (Watts)	11.2kWatts / 16.0kVA
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 Sync to mains, 50 Hz +/- 0.1 % For 50 Hz nominal Unsynchronised, 60 Hz +/- 0.1 % For 60 Hz nominal Unsynchronised
Other Output Voltages	220 V, 240 V
Load Crest Factor	Up to 5 : 1
Topology	Double conversion online
Waveform type	Sine wave
Maximum Output Current	55
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 (1P + N + E), Hard wire 5-wire (3P + N + E)
Input voltage range for main operations	155 - 276, 290 - 480 3:1V
Input Total Harmonic Distortion	Less than 7 % for full load
Other Input Voltages	220 V, 240 V, 380 V, 415 V
Input Power Factor at Full Load	0.98

Technical Specifications

APC Symmetra LX 12kVA scalable to 16kVA N+1 Tower, 220/230/240V or 380/400/415V | SYA12K16I | Downloaded on 09/12/2021 (EST)

Life Is On | APC by Schneider Electric

Batteries & Runtime

Battery type	Lead-acid battery
Included Battery Modules	3
Typical recharge time	3hour(s)
Replacement Battery	SYBT5 ↗
Battery Slots Empty	1
Expected Battery Life (years)	3 - 5
Battery Charge Power (Watts)	861 Watts
Extendable Run Time	1
Runtime	View Runtime Graph (Available in Technical Tab on site)
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

Communications & Management

Interface Port(s)	DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot
Pre-Installed SmartSlot™ Cards	AP9631 (Available in Technical Tab on site)
Control panel	Multifunction LCD status and control console
Audible Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Yes
Available SmartSlot™ Interface Quantity	1

Physical

Maximum Height	937MM, 93.7CM
Maximum Width	483MM, 48.3CM
Maximum Depth	726MM, 72.6CM
Net Weight	263.64KG
Shipping weight	287.27KG
Shipping Height	1181MM, 118.1CM
Shipping Width	599MM, 59.9CM
Shipping Depth	997MM, 99.7CM
Color	Black, Silver
Units per Pallet	1.0

Technical Specifications

APC Symmetra LX 12kVA scalable to 16kVA N+1 Tower, 220/230/240V or 380/400/415V | SYA12K16I | Downloaded on 09/12/2021 (EST)

Life Is On | APC
by Schneider Electric

Environmental

Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0 - 3048meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0 - 4572meters
Audible noise at 1 meter from surface of unit	62.0dBA
Online thermal dissipation	3707.0BTU/hr

Conformance

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

Sustainable Offer Status

RoHS	Compliant

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.