Symmetra

4 – 16 kVA N+1 redundant, rack or tower

High-performance, redundant power protection with scalable power and runtime for space-constrained server rooms, and voice and data networks.

Engineered to deliver the highest level of business continuity possible, the Symmetra LX uses a modular redundant architecture that can scale power and runtime as demand increases or when higher levels of availability are required. With built-in network manageability, and rack-optimized and tower models available from 4 – 16 kVA N+1 redundant, the online Symmetra LX is the choice to protect high-performance IT and Telecom equipment in business-critical server and network rooms.

Environments

Network Closets: Convergence of voice and data makes availability all the more critical. Redundant and manageable power protection provides scalable runtime for network applications in addition to cellular sites, VoIP applications, and PBX systems.

Server Rooms: Symmetra LX provides remote management over the network to manage and maintain unpredictable changes in the environment. The modular design and N+1 redundancy offers high availability and serviceability.

Retail: Extended power outages can disrupt an entire store, including point of sale terminals, servers, and network switches in the back room. Symmetra LX allows for uninterruptible operation for business-critical systems.

Light Industrial: The on-line double conversion topology of input power factor correction is ideal for industrial applications protecting a small control. Even the smallest power disruptions can cause work flow disruptions causing thousands and even millions of dollars of damage.

Features

- **Scalable runtime:** Allows quick addition of more runtime when needed.

- **Scalable power:** Reduces UPS over-sizing costs today by allowing quick upgrades later.

- **Manageable external batteries:** Reduces preventative maintenance service needs by monitoring the health and status of the external batteries and their expected runtime.

- **Configurable for N+1 internal redundancy:** Provides high availability through redundancy by allowing configuration with one more Power Module than is necessary to support the connected load.

- **Rack/tower convertible:** Protects the initial investment in the UPS when migrating from tower to rack-mount environment.

- **Modular design:** Provides fast serviceability and reduced maintenance requirements via self-diagnosing, hot-swappable, and field-replaceable modules.

- **Network manageable:** Provides remote management of the UPS over the network.

- **LCD display:** Manage the UPS locally through a text-based display that allows quick diagnosis via stored alarm conditions and events.

- **Automatic internal bypass:** Supplies utility power to the connected loads in the event of a UPS overload condition or fault.

- **Removable input/output wiring tray:** Allows quick and easy installation and maintenance of the UPS.

- **Field-replaceable power distribution panel:** Ensures compatibility with equipment that has different plug types

Symmetra specifications

Available models	Runtime half/full load (minutes)	Watt capacity	Input	Output	Integrated network management card
Symmetra LX 4 kVA scalable to 8 kVA N+1	16/6	3,200	208/240 V Hardwire	4 – 8 kVA (RM) HW + (2) NEMA L14-30R and (4) NEMA L5-20R, (4) L14-30, (8) L5-20	×
Symmetra LX 8 kVA scalable to 16 kVA N+1	17/6	6,400	208/240 V Hardwire		×
Symmetra LX 12 kVA scalable to 16 kVA N+1	17/6	9,600	208/240 V Hardwire	8 – 16 kVA (RM) HW +(4) NEMA L14-30R and (8) NEMA L5-20R	×
Symmetra LX 16 kVA scalable to 16 kVA N+1	17/6	12,800	208/240 V Hardwire		×
Symmetra LX 16 kVA scalable to 16 kVA N+1 Ext. Run Tower	47/20	12,800	208/240 V Hardwire	208/240 and 120 V Hardwire (Tower models)	×

Additional solutions enhancement options

Battery systems

Additional battery modules or external battery frames can be added to achieve desired levels of runtime. Symmetra LX battery modules and frames are hot-swappable so you never have to bring down your mission critical loads to service the unit.

SYBT5 Battery module for APC Symmetra LX.

SYARMXR9B9, SYAXR9B9, and SYARMXR3B3. Symmetra LX Extended Run Battery Frames.

Services

Services to extend the coverage beyond the original factory warranty or on site to diagnose or repair your APC equipment

WEXTWAR1YR-SY-16 One-year extended warranty

WEXTWAR3YR-SY-16 Three-year extended warranty

WONSITEBE-SY-16 One-year best endeavor response on-site service for Symmetra

WONSITENBD-SY-16 One-year next business day on-site service for Symmetra

Service bypass

Service Bypass Panels featuring quick transfer time and wraparound service bypass.

SBP16KP 200/208/240 V; 100 A; MBB; Hardwire input/output

SBP16KRMP4U Input: 208 V, Input connections: Hardwire three-wire (2PH + G), Hardwire four-wire (2PH + N + G), Output: 200 V, 208 V, Output Connections: NEMA L14-30R L6-30R output

SBP16KRMP4U-HW Input: 208 V, Input Connections: Hardwire three-wire (2PH + G), Hardwire four-wire (2PH + N + G), Output: 120 V, 200 V, 208 V, Output Connections: Hardwire three-wire (2PH + G), Hardwire four-wire (2PH + N +G), NEMA L14-30R, NEMA L5-20R

Power distribution

Field replaceable receptacle panels allow direct connection, enabling fast installation of new IT equipment.

SYPD1 Power distribution panel; (1) L14-30, (2) L5-20

SYPD3 208/240 V Backplate kit with (2) L6-20R and (1) L6-30R

SYPD7 208V/240 V Backplate kit with (3) L6-20R

SYPD11 208/240 V Backplate kit with (2) L6-30R