

XTREME POWER CONVERSION M90S-6S // APC Symmetra LX SYA16K16P COMPARISON

The Xtreme Power Conversion M90S-6S and the APC Symmetra LX are modular, online double-conversion UPS systems designed to protect mission-critical single-phase loads. While both platforms support hot-swappable modules and scalable architectures, the M90S is an active, current-generation platform that delivers higher usable power, greater efficiency, broader scalability, and long-term availability for expansion and factory support, unlike discontinued legacy systems.



18 kVA UPS Comparison

Feature	XTREME POWER M90S-6S 18kW	APC Symmetra LX (SYA16K16P)	M90S Advantage
Product Status	Active production	Discontinued (Aug 26, 2025)	Long-term platform availability
Capacity	18 kVA / 18 kW (Unity PF)	16 kVA / 12.8 kW (0.8 PF)	40% more usable watt output
Topology	Online double conversion	Online double conversion	Equivalent protection
Modularity / Scalability	6–24 kVA in 6 kVA increments (up to 18 kVA N+1)	4–16 kVA N+1 in 4 kVA increments	Higher maximum capacity on active platform
Efficiency	Up to 98% (ECO) / 93% online	88.7% online	Lower energy cost & heat output
Internal Runtime	Up to 9 min @ 18 kW	Up to 6 min @ 12.8 kW	Longer internal runtime
Maintenance Bypass	Standard	Standard	Equivalent serviceability
Module Slot Flexibility	Universal slots (power or battery)	Dedicated power & battery slots	Simpler expansion & sparing
Display	5.7" color LCD + module-level LCDs	Chassis-level LCD only	Improved diagnostics & visibility
Warranty	3-year repair or replace	2-year repair or replace	Longer standard warranty