

XTREME POWER CONVERSION M90S-2S // APC Symmetra LX SYA8K8RMP COMPARISON

The Xtreme Power Conversion M90S-2S and the APC Symmetra LX SYA8K8RMP are modular, online double-conversion UPS systems for mission-critical rack-mounted loads. The M90S-2S is an active, current-generation platform delivering full usable power, higher efficiency, and a clear upgrade path within the M90S family, unlike discontinued legacy systems.



6–8 kVA UPS Comparison (Rack-Mounted)

Feature	XTREME POWER M90S-2S	APC Symmetra LX SYA8K8RMP	M90S Advantage
Product Status	Active production	Discontinued	Long-term platform availability
Capacity	6 kVA / 6 kW (Unity PF)	8 kVA / 6.4 kW (0.8 PF)	Unity PF delivers full usable kW
Topology	Online double conversion	Online double conversion	Equivalent protection
Modularity / Scalability	2-slot modular chassis; upgrade path to M90S-4S or 6S	Scalable to 8 kVA N+1 within platform	Clear growth path within M90S family
Rack Height	~10.5 in (6U)	~22.5 in (13U)	More usable kW per rack
Efficiency	Up to 98% (ECO) / 93% online	~88.7% online	Lower operating cost & heat
Internal Runtime	Up to 9 min @ 6 kW	Up to ~6 min @ 6.4 kW	Longer runtime at rated load
Maintenance Bypass	Standard	Standard	Equivalent serviceability
Warranty	3-year repair or replace	2-year repair or replace	Longer standard warranty