

# XTREME POWER CONVERSION M90S-6S (12KW) // Toshiba 3000 SP Series (30S0D012KHXH) COMPARISON

The Xtreme Power Conversion M90S-6S (12 kW) and the Toshiba 3000 SP Series 12 kW UPS (30S0D012KHXH) are modular, online double-conversion systems for mission-critical IT, network, and edge applications operating at 208/120 V or 240/120 V single-phase. While both platforms support scalable architectures, the M90S-6S offers higher-energy batteries, integrated maintenance bypass, greater installation flexibility, and a smaller cabinet footprint, simplifying deployment and long-term service.



## 12 kW UPS Comparison

Feature	XTREME POWER M90S-6S (12 kW)	Toshiba 3000 SP Series 12 kW (30S0D012KHXH)	M90S Advantage
UPS Capacity (Usable Power)	12 kVA / 12 kW (Unity PF)	12 kVA / 12 kW (Unity PF)	Equivalent rated usable output
Internal Runtime (Est)	9 min @ 12 kW (base battery)	7 min @ 12 kW (base battery)	Higher energy battery
Scalability / Redundancy	Scales to 24 kVA / 24 kW or 18 kVA N+1	Scales to 24 kVA / 24 kW or 18 kVA N+1	Equivalent scalability; M90S includes integrated service features
Maintenance Bypass	Standard integrated bypass	External maintenance bypass required	Lower installed cost and fewer accessories
Receptacle Options	Yes	No	Easier installation with Xtreme Power M90S
Extended Runtime Options	Internal + external battery options; up to 6+ hours	Limited to internal batteries only	Greater runtime flexibility
Rack / Tower Mounting	Tower or rack (M90S-RMK)	Tower only	Greater installation flexibility
System Dimensions (W x D x H)	17.4" x 33.7" x 45.5"	23.6" x 41.2" x 58"	Smaller footprint and lower height
Certifications & Compliance	UL, cUL, TAA Compliant	UL, cUL (TAA varies by configuration)	Clear positioning for regulated markets
Warranty Coverage	3 years (electronics & batteries)	3-year onsite warranty	Onsite service optional with Xtreme