

# XTREME POWER CONVERSION X90-2S // APC Galaxy VS UPS COMPARISON

The Xtreme Power X90-2S and Schneider Electric APC Galaxy VS (480V) are modular three-phase UPS platforms designed for critical infrastructure. Both provide online double-conversion protection and internal battery configurations, but differ in scalability, runtime delivery, service model, and deployment flexibility.



## UPS COMPARISON

Feature	Xtreme Power X90-2S	APC Galaxy VS (480V)	Engineering Impact
Capacity Range	50 / 70 / 100 / 140 kVA/kW	20 / 40 / 50 / 100 kVA/kW	Higher maximum system capacity
Max Capacity (Internal Battery)	Up to 100 kW (140 kW with external battery)	Up to 100 kW	Supports expansion beyond 100 kW
Short-Circuit Withstand	65 kAIC	65 kAIC	Equivalent fault withstand capability
Modularity	50 kW / 70 kW modules + modular batteries	20 kW / 50 kW modules + modular batteries	Both support scalable modular architecture
Internal Runtime	6 min @ 100 kW	5–6 min at reduced load (approximately 80 kW typical)	Higher full-load runtime
Maintenance Bypass	Internal (standard)	Internal (standard)	Equivalent standard configuration
Altitude (Full Power)	Up to 5200 ft	Up to 3300 ft	Higher full-load altitude capability
Battery Design	Modular internal battery system	Internal VRLA battery strings	Simplified architecture
Battery Service	Front-access modular replacement	String-based maintenance	Faster, lower-risk service
Warranty	2-year on-site with startup	1-year standard (extensions available)	Longer standard coverage