

XTREME POWER CONVERSION **M90S-6S (18KW)** // Vertiv Liebert **APS AS6D0NCXGNNXLKB** COMPARISON

The Xtreme Power Conversion M90S-6S (18 kW) and the Vertiv Liebert APS AS6D0NCXGNNXLKB are modular, online double-conversion UPS systems designed to protect mission-critical IT, network, and edge infrastructure loads. While both platforms provide scalable modular architectures and hot-swappable components, the M90S-6S delivers full 18 kW output at unity power factor, longer internal runtime with base battery, and integrated service features, making it well suited for higher-density deployments and improved operational flexibility.



18 kW UPS Comparison

Feature	XTREME POWER M90S-6S (18 kW)	Vertiv Liebert APS AS-6D0NCXGNNXLKB	M90S Advantage
UPS Capacity (Usable Power)	18 kVA / 18 kW (Unity PF)	20 kVA / 18 kW (0.9 PF)	Full 18 kW at unity PF without oversizing kVA
Topology	Online double conversion	Online double conversion	Equivalent protection
Internal Runtime (Full Load, base battery)	9 min @ 18 kW	5 min @ 18 kW	Significantly longer internal runtime
Modular Expandability	Scales to 24 kVA	Scales to 20 kVA N+1	Higher maximum scalable capacity
Maintenance Bypass	Standard integrated bypass	Optional external bypass cabinet	Built-in service bypass lowers install cost & space
Rack / Tower Mounting	Rack mount kit (M90S-RMK) or tower	Rack / tower convertible	Equivalent deployment flexibility
Display & Diagnostics	Chassis-level LCD + module-level displays	Removable chassis LCD	More granular local diagnostics improve serviceability
Certifications & Compliance	UL, cUL, TAA Compliant	UL, cUL, TAA status varies by configuration	Consistent compliance for federal & regulated markets
Warranty Coverage	3 years (electronics & batteries)	2-year limited warranty	Longer standard warranty reduces lifecycle risk