

XTREME POWER CONVERSION M90U-80 // Vertiv Liebert APM2 (208 V) COMPARISON

A modular online double-conversion UPS is ideal for data centers, edge facilities, and critical infrastructure where scalability, serviceability, and uptime are essential. The Xtreme Power M90U-80 delivers higher maximum capacity, longer internal runtime at high load, and an integrated maintenance bypass. The Vertiv Liebert APM2 (208 V) supports modular deployments up to 60 kW with internal battery options, but differs in usable capacity, runtime, and standard service features.

208 V Online Modular UPS Comparison (kW)



Feature	Xtreme Power M90U-80	Vertiv Liebert APM2 (208 V)	M90U Advantage
Capacity Range	15 kW–80 kW	10 kW–60 kW	Higher maximum capacity
Maximum Capacity (Single Chassis)	80 kW with internal batteries	60 kW with internal batteries	More usable power in one cabinet
Battery Chemistry (Internal)	VRLA (lead-acid)	VRLA or lithium-ion (model dependent)	Comparable internal battery options
Hot-Swappable Modules	Power and battery modules hot-swappable	Modular hot-swappable building blocks	Equivalent serviceability
Internal Runtime @ 60 kW (Lead-Acid)	9 minutes	4 minutes	Longer runtime at high load
Internal Runtime @ Maximum Load	6 minutes @ 80 kW	Not available	Higher usable capacity with batteries
Maintenance Bypass	Standard (integrated)	Optional	No added cabinet or cost
Cabinet Width	23.6"	23.6"	Equivalent footprint
Warranty / Startup	2-year parts standard; startup and 2-year labor optional	Standard Vertiv warranty (varies by contract)	Flexible service configuration
Cabinet Width	24"	22"	Eaton is narrower; M90U delivers higher capacity
Warranty / Startup	2-year parts standard; startup and 2-year labor optional	1-year parts / 90-day labor; startup required	Flexible service configuration