

# XTREME POWER CONVERSION **M90U-30** // Vertiv Liebert **EXSV-30KN** COMPARISON

The Xtreme Power M90U-30 and the Vertiv Liebert EXSV-30KN are three-phase, online double-conversion UPS systems designed for small to medium, mission-critical applications. Both platforms deliver unity power factor output and support internal VRLA batteries with published runtime scalability.



## 30 kVA Modular UPS Comparison

Feature	Xtreme Power M90U-30	Liebert EXSV-30KN (V-Model)	M90U-30 Advantage
Rated Capacity	30 kVA / 30 kW	30 kVA / 30 kW	Equal usable power
Topology	Online double conversion	Online double conversion	Equivalent protection
Battery Architecture	Modular internal VRLA battery modules	Internal VRLA battery strings	Module-level battery design
Internal Runtime (Full Load)	13 minutes @ 30 kW (10 battery modules)	10 minutes @ 30 kW (internal batteries)	Longer internal runtime
Capacity Upgrade Path	Upgradeable to 45 kVA / 45 kW	Fixed capacity per UPS	Growth without UPS replacement
Efficiency (Online / ECO)	94.1% online; 98% ECO mode	93.4% online; no ECO mode	Higher operating efficiency options
UPS Cabinet Width	20.3 in (with batteries)	23.6 in (with batteries)	Higher power density
Service & Maintenance	Hot-swappable battery modules	Battery string replacement	Faster battery service
Warranty	2-year standard	1-year standard	Longer standard coverage