

XTREME POWER CONVERSION J90 // VERTIV LIEBERT PSI5 1U COMPARISON

The Xtreme Power J90 and Vertiv Liebert PSI5 1U are both compact rackmount UPS systems designed for critical edge, IT, and network applications. However, the J90 offers several distinct advantages including Lithium-ion batteries, remote receptacle control, more runtime, and TAA-compliance



1kVA & 1.5kVA UPS COMPARISON

	Xtreme Power J90 Online Lithium-ion UPS	Vertiv Liebert PSI5 1U	ADVANTAGES
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄) with integrated BMS	Valve-Regulated Lead Acid (VRLA)	Xtreme Power J90 provides: Longer lifespan, More Runtime, Higher Temperatures, Less Space, Lighter Weight.
Available Capacities	1000VA/900W 1500W/1350W	1000VA/900W 1500W/1350W	Comparable.
Topology	Online Double Conversion	Line Interactive	Xtreme Power J90 provides true online protection from all power disturbances.
Individually controllable receptacles	4 Individually controllable receptacles (with Optional Web/SNMP Card)	No	Remote device reboot and scheduling enhances uptime.
Dimensions & Weight	17.2" x 18.8" x 1.7" / 26.8 lbs 17.2" x 20" x 1.7" / 27.8 lbs	17.2" x 20.1" x 1.7" / 36.4 lbs 17.2" x 24.8" x 1.7" / 45.6 lbs	Xtreme J90 is smaller and lighter—ideal for space-constrained racks.
High Temperature Operation	Up to 50°C (122°F)	Up to 40°C (104°F)	Xtreme Power J90 performs in harsher environments with less cooling.
Battery Runtimes (full load)	Up to 7 minutes	Up to 5 minutes	Xtreme Power J90 provides longer runtime in less space.
Battery Recharge time	4 hours to full	6 hours to 90%	Xtreme J90 provides faster recovery after power outages.
TAA Compliant	Yes	No	Xtreme Power J90 is eligible for U.S. government procurement.
Warranty	6 years	2 years	Lower long-term maintenance cost, extended peace of mind.