

XTREME POWER CONVERSION J90 // EATON 5P LITHIUM-ION 1U COMPARISON

The Xtreme Power J90 and Eaton 5P Lithium-ion 1U are both 1U rackmount UPS systems engineered for critical applications. While both feature Lithium Iron Phosphate (LiFePO₄) battery technology, the J90 delivers key advantages in protection level, runtime, remote management, and compliance for government use.



1kVA & 1.5kVA UPS COMPARISON

	Xtreme Power J90 Online Lithium-ion UPS	Eaton 5P Lithium-ion 1U	Xtreme Power Advantage
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄) with integrated BMS	Lithium Iron Phosphate (LiFePO ₄) with integrated BMS	Comparable.
Available Capacities	1000VA/900W 1500W/1350W	1440VA/1100W	Xtreme Power J90 offers two capacity choices and higher real power (Watt) output at 1500VA level.
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	Xtreme J90 provides remote control, scheduling, and reboot of connected devices
High Temperature Performance	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 4 minutes	Xtreme Power J90 provides longer runtimes.
TAA Compliant	Yes	No	Xtreme Power meets U.S. government procurement standards.
Warranty	6 years	5 years	Xtreme Power provides lower long-term maintenance cost, extended peace of mind.