

## XTREME POWER CONVERSION J90-1.5kLiD // Tripp Lite SU1500LCD1U COMPARISON

A compact 1U, 120V online UPS is ideal for edge IT, networking, and distributed infrastructure. The Xtreme Power J90-1.5kLiD delivers longer lithium battery life, higher temperature tolerance, outlet-level remote reboot capability, and a much lighter, shallower design—making it better suited for mission-critical and space-constrained deployments.



### 1500VA 120V UPS Comparison

Feature	Xtreme Power J90-1.5kLiD	Tripp Lite SU1500LCD1U	J90 Advantage
UPS Topology	Online double-conversion	Online double-conversion	Equivalent zero-transfer protection
Battery Chemistry	Lithium Iron Phosphate (LiFePO <sub>4</sub> )	VRLA	Longer life, safer chemistry
Battery Life	Up to 15 years / 3,000–5,000 cycles	3–5 years typical	Lower lifetime replacement cost
Efficiency	91%	91%	Equivalent efficiency
Capacity	1500 VA / 1350 W	1440 VA / 1440 W	Comparable usable power
Battery Runtime (Full Load)	7 minutes @ 1350 W	3 minutes @ 1440 W	More than 2× runtime
Extended Runtime	Yes (external battery support)	No	Greater runtime flexibility
Outlet Control	Individually controllable (with Web/SNMP card)	Load banks only	Remote reboot at outlet level
Rack Height	1U	1U	Equal
Rack Depth / Weight	20.1 in / ~28 lb	28 in / 45.2 lb	Shallower and significantly lighter
Operating Temperature	Up to 50 °C (122 °F)	Up to 40 °C (104 °F)	Better for hot IDF / edge spaces
TAA Compliance	Yes	No	Eligible for federal procurement
Warranty	6-year UPS & battery	2-year limited	Longer standard coverage