

# XTREME POWER CONVERSION **J90-2kLiD** // APC Smart-UPS **Ultra SRTL2K2RM1UC** COMPARISON

A compact 1U online lithium UPS is ideal for edge, IT, and network deployments where space, heat tolerance, and life-cycle cost matter. The Xtreme Power J90-2kLiD delivers longer battery life, higher temperature resilience, advanced outlet controllability, and full TAA compliance, giving it a clear advantage in mission-critical and regulated environments.



## 2kVA 120V Feature Comparison

Feature	Xtreme Power J90-2kLiD	APC Smart-UPS Ultra SRTL2K2RM1UC	J90 Advantage
Battery Chemistry	LiFePO <sub>4</sub> (LFP) with integrated BMS	Lithium-ion	Safer chemistry, longer service life
Battery Life	Up to 15 years / 3,000–5,000 cycles	8–10 years typical	Lower lifetime cost
Capacity (VA / W @ 120V)	2000 VA / 1800 W	2200 VA / 1870 W*	Comparable usable power
UPS Topology	Online double-conversion	Online double-conversion	Equal zero-transfer protection
Form Factor / Mounting	1U rack or wall mount	1U rack or wall mount	Same deployment flexibility
Efficiency	94.5%	93.2%	Lower heat, lower operating cost
Outlet Control	Individually controllable (with Web/SNMP card)	Not supported	Remote reboot reduces truck rolls
Network / SNMP	Optional (SNMP-2PV3)	Integrated	Modular vs bundled approach
Runtime Options	Internal + EBP (J90-EBP48)	Internal + EBP (SRTL50RMBP1U)	Scalable runtime on both
High-Temperature Rating	Up to 50 °C (122 °F)	Up to 40 °C (104 °F)	Better for hot edge / IDF spaces
Recharge Time (to 90%)	~1 hour	~1.5 hours	Faster recovery after outages
TAA Compliance	Yes (COO: Taiwan)	No (COO: Philippines)	Federal procurement eligible
Warranty	6-year UPS & battery	5-year limited	Longer standard coverage