XTREME POWER CONVERSION **P91-2kLi** // SCHNEIDER **APC SMTL2200RM2UCNC** COMPARISON

The Xtreme Power P91-2kLi is a true online double-conversion UPS built with Lithium Iron Phosphate ($LiFePO_4$) batteries for mission-critical environments and robust operation in high temperatures. The APC SMTL2200RM2UCNC is a line-interactive UPS with lithium-ion (Li-ion) batteries and integrated network management, suited to IT and network infrastructure.

2kVA UPS COMPARISON

Feature	Xtreme Power P91-2kLi	APC SMTL2200RM2UCNC	Advantage
Battery Chemistry	$LiFePO_4$ (Lithium Iron Phosphate)	Li-ion (Lithium-ion)	$LiFePO_4$ offers longer life, better thermal stability, and enhanced safety.
Battery Life	Up to 15 years / 3,000–5,000 cycles	8–10 years typical	Significantly longer expected battery life.
UPS Topology	Online double conversion	Line-interactive	Zero transfer time for critical loads on P91.
VA / Watt Capacity	2000 VA / 1800 W	2000 VA / 1920 W	Comparable usable real power.
High-Temperature Performance	Operates up to 50 °C (122 °F), derates above 40 °C	Rated to 40 °C (104 °F)	Better tolerance of high heat environments.
Battery Recharge Time	1.5 hours to 90%	2 hours to 90%	Faster recovery after outages.
Battery Runtime (Full Load)	13 minutes	7 minutes 24 seconds	Nearly double runtime at full load.
Rack Height / Depth	2U / 20.0 in	2U / 26.9 in	P91 is shallower, saving rack depth.
Network / Management Card	Optional – Part Number: SNMP-2PV3	Standard	APC includes network management out-of-box; P91 SNMP is optional.
TAA Compliance	Yes	No	Only the P91 is eligible for U.S. federal procurement.
Warranty	6-year UPS & battery	5-year UPS & battery	Longer standard lifecycle coverage.