XTREME POWER CONVERSION **P91-2kLi** // SCHNEIDER **APC SMTL2K2RM2UCLNC** COMPARISON

The Xtreme Power P91-2kLi is an online double-conversion UPS purpose-built for mission-critical applications requiring maximum reliability and continuous power protection. In contrast, the Schneider APC SMTL2K2RM2UCLNC is a line-interactive UPS designed for less demanding environments.

2kVA UPS COMPARISON

Feature	Xtreme Power P91-2kLi	Schneider APC SMTL2K2RM2UCLNC	Advantage
Battery Chemistry	Lithium Iron Phosphate ($LiFePO_4$)	Lithium Iron Phosphate ($LiFePO_4$)	Advanced lithium in both
Battery Life	Up to 15 years / 3,000–5,000 cycles	8–10 years typical	Nearly double battery service life
UPS Topology	Online Double Conversion	Line Interactive	Zero transfer time and cleaner power delivery
Capacity (Watts)	2000VA / 1800W	2200VA / 1920W	Similar real power capability
High Temperature Performance	Operates to 50 °C (122 °F), derates above 40 °C	Rated to 40 °C (104 °F)	P91 supports higher-temp installations
Battery Recharge Time	1.5 hours to 90%	2 hours to 90%	Faster recharge = higher availability
Battery Runtime (Full Load)	14 minutes	7.4 minutes	Nearly double runtime
Depth	19.0 in	26.9 in	Saves 7" of rack space
TAA Compliant	Yes	No	Eligible for U.S. government contracts
Warranty	6-year UPS & battery	5-year UPS & battery	Longer coverage, lower total cost of ownership