

XTREME POWER CONVERSION P80-1500 // APC SMT1500RM2U COMPARISON

A 1500VA line-interactive rack UPS is commonly deployed for IT networks, AV racks, retail systems, and distributed enterprise infrastructure operating at 120V. The Xtreme Power P80-1500 provides high usable real power, scalable runtime expansion, and flexible installation options. The APC SMT1500RM2U (including SmartConnect variants) is a widely deployed line-interactive UPS using traditional VRLA batteries in a standard 2U rack design.



1500VA 120V Rackmount UPS Comparison

Feature	Xtreme Power P80-1500	APC SMT1500RM2U	P80 Advantage
UPS Topology	Line-interactive with AVR	Line-interactive with AVR	Equivalent protection class
Battery Chemistry	VRLA sealed lead-acid	VRLA sealed lead-acid	Equivalent chemistry
Capacity	1500 VA / 1350 W	1500 VA / 1000 W	Higher usable real power
Battery Runtime	6 min @ 1350 W	7 min @ 1000 W	Higher runtime at larger load
Runtime Expansion	External battery packs supported	Limited scalability	Greater runtime flexibility
Output Waveform	True sinewave	True sinewave	Equivalent waveform
Management	Local Web / SNMP options	SmartSlot / SmartConnect	Local management flexibility
Installation	Rack / tower / wall	Rack (2U)	Greater deployment flexibility
Rack Height	Flexible deployment	2U	Space optimization potential
Operating Temperature	Designed for distributed infrastructure environments	40 °C typical max	Deployment tolerance advantage
Warranty	3-year UPS & battery	3-year UPS / 2-year battery	Longer battery coverage