

XTREME POWER CONVERSION P80-1500 // EATON 5P1500RT COMPARISON

A 1500VA line-interactive rack UPS is commonly deployed for IT networks, AV systems, education infrastructure, and distributed enterprise environments operating at 120V. The Xtreme Power P80-1500 provides balanced real power capacity, longer runtime at full load, and flexible installation options. The Eaton 5P1500RT is a widely deployed line-interactive UPS designed for higher real power output within the same VA class.



1500VA 120V Rackmount UPS Comparison

Feature	Xtreme Power P80-1500	Eaton 5P1500RT	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 / 1440 W	Higher real power on Eaton
Battery Runtime	6 min @ full load	3 min @ full load	Longer runtime at full load
Runtime Expansion	External battery packs supported	External battery modules supported	Comparable scalability
Output Waveform	True sinewave	True sinewave	Equivalent waveform
Management	Local Web / SNMP options	Local Web / SNMP options	Equivalent monitoring capability
Installation	Rack / tower / wall	Rack / tower	Greater deployment flexibility
Rack Height	Flexible deployment	2U	Space optimization potential
Dimensions	17.2 × 18.9 × 3.5 in	17.4 × 20.6 × 3.4 in	Shallower rack depth
Warranty	3-year UPS & battery	3-year UPS / 2-year battery	Longer battery coverage