

XTREME POWER CONVERSION **P91-1500** // EATON **9PX1500RT** COMPARISON

Both UPS systems deliver true online double-conversion protection for IT, network, AV, and edge environments ensuring clean, reliable power for critical systems. However, the Xtreme Power P91-1500 provides significant advantages in charging speed, runtime scalability, installation flexibility, government compliance, and overall cost of ownership



1500VA Rack/Tower UPS Comparison

Feature	Xtreme Power P91-1500	Eaton 9PX1500RT	P91 Advantage
Battery Chemistry	Valve-Regulated Lead Acid (VRLA)	Valve-Regulated Lead Acid (VRLA)	Equal
Capacity	1500VA/1450W	1500VA/1350W	P91-1500 delivers higher real power with near unity power factor advantage
Topology	Online Double Conversion	Online Double Conversion	Equal topology. Both deliver continuous protection from all power anomalies
Recharge Time	< 3 hours	8 hours	P91's high-capacity programmable charger (1–8A) recharges faster, minimizing downtime; Eaton's charge time increases further with added battery packs
Extended Battery	Up to 7 external battery packs	Up to 4 external battery packs	Greater runtime scalability and faster recharge. P91-1500 is ideal for long-backup installations
Size & Weight	17.2 x 16.1 x 3.4 in, 34.2 lb	17.2 x 17.7 x 3.4 in, 42.5 lb	P91 is smaller and lighter, simplifies rack integration and handling
Operating Altitude (at 40C)	Derates above 6500 ft	Derates above 4921 ft (1500 m)	Performs better at higher altitudes and temperatures
TAA Compliant	Yes	No	Fully TAA Compliant—approved for U.S. Federal, Military, and Public Sector applications
Warranty	3-years	3-years	Equal Coverage