

XTREME POWER CONVERSION P91-3000 // EATON 9PX3000RT 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 P91-3000 provides significant advantages in charging speed, runtime scalability, and government compliance.



3000VA Rack/Tower UPS Comparison

Feature	Xtreme Power P91-3000	Eaton 9PX3000RT	P91 Advantage
Battery Chemistry	Valve-Regulated Lead Acid (VRLA)	Valve-Regulated Lead Acid (VRLA)	Equal
Capacity	3000VA/2880W	3000VA/2700W	The P91 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 is ideal for long-backup installations
Size & Weight	17.2 x 24.8 x 3.4 in, 60.6 lb	17.2 x 23.8 x 3.4 in, 63.1 lb	Similar size and weight
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