

XTREME POWER CONVERSION P91g-3000 // APC Smart-UPS SRT3000RMXLT COMPARISON

Both UPS systems deliver true online double-conversion protection for IT, network, AV, and edge environments ensuring clean, reliable power for critical systems in 208/230 V rack power architectures. However, the Xtreme Power P91g-3000 provides significant advantages in usable output power, charging capability, and government compliance.



3000VA 208/230V Rack/Tower UPS Comparison

| Feature | Xtreme Power P91g-3000 | APC SRT3000RMXLT | P91g Advantage |
|-------------------------------|----------------------------------|----------------------------------|--|
| Battery Chemistry | Valve-Regulated Lead Acid (VRLA) | Valve-Regulated Lead Acid (VRLA) | Equal |
| Capacity | 3000VA / 3000W (Unity PF) | 3000VA / 2700W | Higher usable real power. Full 3 kW output supports heavier IT loads |
| Topology | Online Double Conversion | Online Double Conversion | Equal topology. Continuous protection from all power anomalies |
| Runtime (internal, full load) | 3 minutes | ~3 minutes | Comparable baseline runtime |
| Charge Current | Programmable 1–8 A | ~1.5–2 A | Much higher charging capability. Maintains fast recharge with extended batteries |
| Recharge Time | <3 hours | ~3 hours (longer with EBMs) | Faster recharge maintained even with extended batteries |
| Extended Battery | Up to 7 external battery packs | Up to 10 external battery packs | Comparable scalability with faster recharge |
| Size & Weight | 17.2 × 24.8 × 3.4 in, 60.6 lb | 17.0 × 25.0 × 3.4 in, 69 lb | Similar footprint; lighter chassis |
| Operating Altitude (40 °C) | Derates above 6500 ft | Derates above 4921 ft (1500 m) | Better high-altitude and high-temperature capability |
| TAA Compliant | Yes | No | Fully TAA compliant—approved for U.S. Federal, Military, and Public Sector |
| Warranty | 3-years | 3-years | Equal coverage |