

XTREME POWER CONVERSION P91-5K // Vertiv Liebert GXT5-5000HVRT5UXLN COMPARISON

The Xtreme Power Conversion P91-5K (paired with the BPXR2U240A battery pack) and the Vertiv Liebert® GXT5-5000HVRT5UXLN are online, double-conversion UPS systems for mission-critical loads. Both deliver 5kVA / 5kW output and similar full-load runtime in the configurations shown; the P91 solution emphasizes modular bypass/distribution and TAA compliance in a lower rack height, while the Vertiv HVRT provides long internal runtime in a larger UPS chassis.



UPS COMPARISON

Feature	XTREME POWER P91-5K + BPXR2U240A	VERTIV GXT5-5000HVR-T5UXLN	Notes
UPS Capacity	5kVA / 5kW	5kVA / 5kW	Equivalent usable power.
Topology	Online Double Conversion	Online Double Conversion	Premium protection on both.
Output Voltage	208 / 220 / 230 / 240 VAC	208 VAC nominal	P91 supports multiple nominal outputs.
System Runtime (Full Load)	~7 minutes @ 5kW	~7 minutes @ 5kW	Comparable baseline runtime.
Optional External Battery Cabinets	Yes (BPXR series)	Yes (Vertiv EBCs)	Both scale runtime.
Input & Output Connections	Hardwired or optional XBDM: L6-30P in / L6-30R, L6-20R, 6-20R out	Hardwired input only; (2) L6-15R + (2) L6-30R output	Xtreme offers modular bypass and distribution.
Rack Height / Dimensions	4U total (2U UPS + 2U battery)	5U UPS (8.5" height)	P91 saves rack space.
Battery Technology	VRLA	VRLA	Comparable chemistry.
Warranty	3 Years Electronics / 3 Years Batteries	3 Years Electronics / 3 Years Batteries	Aligned language.
Compliance / Listings	UL1778, cUL, FCC, CE, RoHS, TAA	UL1778, c-UL, CSA, FCC Class A	P91 adds TAA compliance.
TAA Compliance	Yes	No	Key differentiator for federal procurement.