

XTREME POWER CONVERSION **TX91-6K** // POWERVAR **ABCDEF6002-22** COMPARISON

The Xtreme Power Conversion TX91-6kVA and PowerVar ABCDEF6002-22 are true on-line, double-conversion UPS systems with internal isolation transformers for sensitive, mission-critical applications. Both provide full 6kVA / 6kW output with excellent noise rejection; the TX91 stands out with longer internal runtime, an XR extended-runtime option, field-configurable connections, and TAA compliance, while the PowerVAR favors a fixed hardwired architecture



UPS COMPARISON

Feature	XTREME POWER TX91-6kVA	POWERVAR ABCDEF6002-22	Notes
UPS Capacity	6000VA / 6000W (unity PF)	6000VA / 6000W (unity PF)	Output power fully aligned.
Topology	Online Double Conversion with Isolation Transformer	Online Double Conversion with Isolation Transformer	Both provide galvanic isolation.
ANSI/IEEE C62.41 Performance	Yes	Yes	Pass-through <10 V normal mode, <0.5 V common mode (Cat. A).
Output Voltage Options	120 / 208 / 220 / 230 / 240 VAC	120 / 208 / 220 / 230 / 240 VAC	Voltage selections aligned.
Internal Runtime (Full Load)	~8 minutes Up to ~12 minutes (XR option)	~7 minutes	TX91 offers longer runtime and XR option.
Optional External Battery Packs	Yes	Yes	Both support extended runtime cabinets.
Input Line Cord & Output Receptacles	Optional / Configurable	Hardwired standard; plugs/receptacles optional	PowerVAR defaults to hardwire architecture.
Dimensions (W × H × D)	~9.9" × 32.4" × 23.3"	~9.8" × 32.5" × 24.7"	Nearly identical footprint; PowerVAR slightly deeper.
Warranty	3 Years Electronics / 3 Years Batteries	3 Years Electronics / 3 Years Batteries	Standardized coverage.
Compliance / Listings	UL1778, cUL, FCC Class A, RoHS, TAA	UL1778, CSA, EN 62040-2, RoHS	TX91 adds TAA compliance.
TAA Compliance	Yes	No — not listed for standard SKU	TX91 favored for federal procurement.