

# XTREME POWER CONVERSION **TX90** // POWERVAR **ABCDEF5200** COMPARISON

The TX90 is a true online UPS with internal isolation transformer. TX90 is available from 1kVA to 10kVA and parallel configurations up to 40kVA or 30kVA N+1.



## 6kVA COMPARISON

	XTREME POWER TX90	POWERVAR ABCDEF5200	ADVANTAGES
Capacity	6kVA/5.4kW	5.2kVA/4680W	Xtreme Power TX90-6K has more capacity than the Powervar ABCEDF5200-22.
Topology	Online Double Conversion with Isolation Transformer	Online Double Conversion with Isolation Transformer	Both Xtreme Power TX90 and Powervar are both isolated online UPS topology, providing the highest degree of power protection.
Static Bypass Switch	Yes	Yes	Both Xtreme Power TX90 and Powervar have an internal static bypass which will automatically switch into bypass mode upon UPS overload or failure.
Maintenance Bypass	Standard Maintenance Bypass	Optional Maintenance Bypass	Xtreme Power TX90 comes with a standard internal Maintenance Bypass switch allowing UPS to be serviced without interruption to critical load. TX90 maintenance bypass is make-before-break. Powervar external bypass adds cost and requires additional installation expense.
Efficiency - Online Mode (AC-AC)	91%	85%	Xtreme Power TX90 higher efficiency means lower utility power usage and less heat than Powervar.
Wide Input Voltage Window	+10% to -30% from 230V nominal	+10% to -30% from 230V nominal	Both Xtreme Power TX90 and Powervar provide wide utility input range without use of battery.
Paralleling	Parallels up to 4 modules	Not Available	Xtreme Power TX90 6kVA can parallel up to four modules providing N+1 redundancy or capacity up to 24kVA/21.6kW. Paralleling is not available on the Powervar unit.
Warranty UPS/Batteries	3 years/3 years	3 years/2 years	Xtreme Power TX90 has one additional year of battery coverage.
Runtime - Internal Batteries	TX90-6K: 9 min at 5.2kVA TX90-6KXR: 17 min at 5.2kVA	6 min at 5.2kVA	The standard TX90-6K has more run time than Powervar. In addition, TX90-6KXR offers the option of extended run time without an external battery cabinet. The TX90-6KXR offers more than twice the run time than Powervar.
Weight & Dimensions (W x H x D)	265 lbs - 11.4 x 25.4 x 29.5	348 lbs - 11.8 x 32.65 x 28.7	Xtreme Power TX90 has a 25% smaller foot print and weights significantly less.