

XTREME POWER CONVERSION TX90/T90 6kVA to 40kVA

Parallel Scalable System



Online scalable UPS for high power and critical N+1 redundant applications

Xtreme TX90 and T90 parallel N+1 redundant online Uninterruptible Power Supply (UPS) provides the ideal solution for the most demanding critical power requirements. Configurations up to 40kVA can easily be configured using individual 6kVA or 10kVA modules.

Xtreme N+1 configurations allow complete serviceability and redundancy. Should an individual UPS require maintenance, the UPS is automatically taken offline. A notification is provided to the user from the LCD display and an audible alarm. The failed UPS module may be serviced or replaced without the remaining UPS modules or connected load having to be powered down.

For single module TX90 6kVA & 10kVA systems, reference www.xpcc.com/tx6-10

PRODUCT SNAPSHOT

- › Redundant and scalable UPS with an output up to 40kVA
- › Galvanic isolated systems (TX90) provide full electrical noise isolation and 120/240V split-phase output
- › Transformerless systems (T90) provide the most economical solution for 200V, 208V, 220V, 230V, and 240V applications
- › Optional extended battery banks & chargers

FEATURES

0.9 output power factor—more wattage for high density loads

Galvanic isolation transformer (TX90)—eliminates common mode noise and provides power conditioning during normal and bypass operation

200 amp parallel tie panel—provides parallel tie and system maintenance bypass for up to four T90/TX90 power modules.

Lockable casters—simplify installation and maintenance

Hot swappable internal battery trays—UPS module batteries are easy to replace without interrupting the load

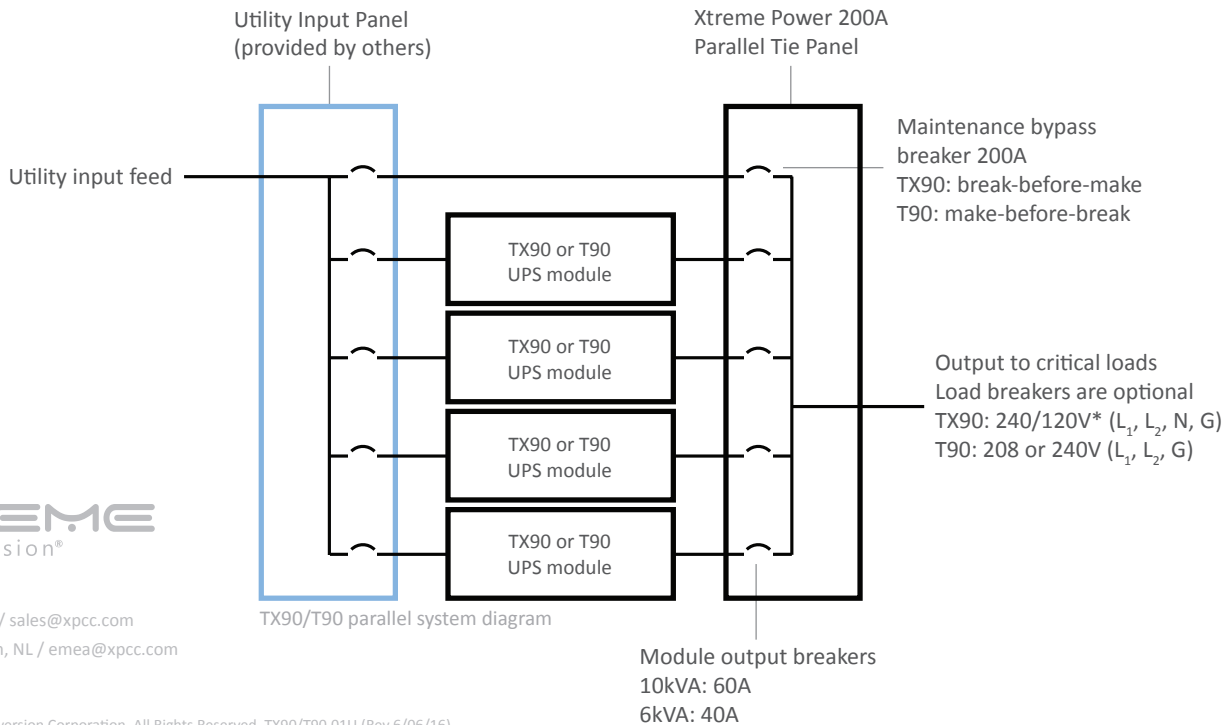
UPS module bypass—allows individual module repair with internal maintenance bypass

Extended battery runtimes—optional premium internal batteries and external battery cabinets and chargers can be added for extended runtime applications

MODEL SELECTION GUIDE

MODEL NUMBER (Non-isolated)		T90-06K24	T90-12K24	T90-18K24	T90-24K24
MODEL NUMBER (Isolated)		TX90-06K24	TX90-12K24	TX90-18K24	TX90-24K24
CAPACITY	Power rating	6kVA (5.4kW)	12kVA (10.8kW)	18kVA (16.2kW)	24kVA (21.6kW)
	Power rating (redundant)	N/A	6kVA (5.4kW) N+1	12kVA (10.8kW) N+1	18kVA (16.2kW) N+1
INPUT	Voltage	160–280VAC*			
	Scalable	All models are scalable to 24kVA or 18kVA N+1			
OUTPUT	Voltage	TX90: 240/120VAC standard (100/110/115/200/208/230VAC are optional) T90: 208VAC nominal (200/220/230/240VAC selectable)			
BATTERY	Battery runtime (standard models)	7 minutes at 100% load / 21 minutes at 50% load			
	Battery runtime (TX90-6KXR model)	14 minutes at 100% load / 33 minutes at 50% load			
PHYSICAL	UPS dimensions (W x D x H)	11.4 x 25.4 x 29.5 in			
	Number of UPS modules	1	2	3	4
	Optional external battery cabinets	11.4 x 25.4 x 29.5 in (EBP960, EBP940, EBP920)			
	Tie panel dimensions (W x D x H)	15.5 x 4.5 x 40.5 in			
APPROVALS		UL1778, cUL, CE, FCC A			
SYSTEM INCLUDES		UPS modules with internal batteries, 200A parallel tie panel with 40A module output breakers, parallel communication cables.			
MODEL NUMBER (Non-isolated)		T90-10K40	T90-20K40	T90-30K40	T90-40K40
MODEL NUMBER (Isolated)		TX90-10K40	TX90-20K40	TX90-30K40	TX90-40K40
CAPACITY	Power rating	10kVA (9kW)	20kVA (18kW)	30kVA (27kW)	40kVA (36kW)**
	Power rating (redundant)	N/A	10kVA (9kW) N+1	20kVA (18kW) N+1	30kVA (27kW) N+1
INPUT	Voltage	160–280VAC*			
	Scalable	All models are scalable to 40kVA or 30kVA N+1			
OUTPUT	Voltage	TX90: 240/120VAC standard (100/110/115/200/208/230VAC are optional) T90: 208VAC nominal (200/220/230/240VAC selectable)			
BATTERY	Battery runtime (internal)	4 minutes at 100% load / 13 minutes at 50% load			
	Battery runtime (TX90-10KXR model)	7 minutes at 100% load / 18 minutes at 50% load			
PHYSICAL	UPS dimensions (W x D x H)	11.4 x 25.4 x 29.5 in (T90) 11.4 x 25.4 x 34.7 in (TX90)			
	Number of UPS modules	1	2	3	4
	Optional external battery cabinets	11.4 x 25.4 x 29.5 in (EBP960, EBP940, EBP920)			
	Tie panel dimensions (W x D x H)	15.5 x 4.5 x 40.5 in			
APPROVALS		UL1778, cUL, CE, FCC A			
SYSTEM INCLUDES		UPS modules with internal batteries, 200A parallel tie panel with 60A module output breakers, parallel communication cables.			

*Depending on load level; **Xtreme parallel tie panel is limited to 160A.



X-TREME
Power Conversion*

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