XTREME POWER CONVERSION **TX91**

Isolated Online Tower UPS // 240/120VAC or 230/115VAC

For more information, visit https://www.xpcc.com/tx91-3-10k



Isolated online UPS provides protection from all 10 common power problems

Isolated online UPS provides the cleanest power in the most demanding conditions. The TX91 galvanic isolation transformer prevents common mode noise which is left exposed by typical transformerless online designs.

Isolated online applications include retail, industrial environments, laboratories, and any installation with grounding or noise issues.

TX91 provides dual output voltages and optional configurable PDU to meet a wide range of receptacle requirements.

For Isolated Online Voltage Regulation without internal batteries reference www.xpcc.com/txvr

PRODUCT SNAPSHOT

- Available models: 3.8kVA/3.8kW, 5kVA/5kW, 6kVA/6kW, 10kVA/10kW
- Optional extended batteries
- Auto restart
- UL1778, cUL, FCC Class A, RoHS, TAA compliant
- 3 years electronics, 3 years battery (USA and Canada); 1 year outside the USA and Canada

FEATURES

Maintenance bypass—manually transfer critical loads from UPS power to utility power, enabling TX91 UPS maintenance

Galvanic isolation transformer (standard)—eliminates common mode noise and the need to install expensive dedicated circuits and provides power conditioning during normal and bypass operation

Extended battery runtimes—optional 580W internal batteries (XR models). External battery cabinets can also be added for extended runtime

$50,000 load protection policy — offers protection against damaged connected equipment (USA and Canada)

Surge voltage let-through (max)—< 10V normal mode (L-N), < 0.5V common mode (N-G) when subjected to 6kV ANSI/IEEE C62.41 Cat. A

Static switch—automatically transfers output from inverter to the isolated bypass source in the event of an overload or fault

Surge voltage withstand capability—ANSI/IEEE C62.41 Category A & B, 6kV/200 & 500A, 100kHz ringwave

LCD display—monitor vital and precise information

XTREME Power Conversion®
Protect your business.

TAA

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/tx91

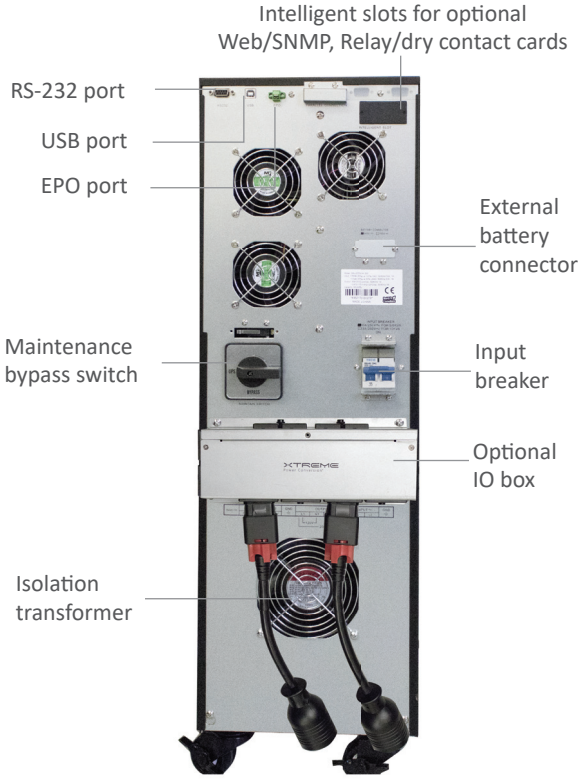
	MODEL NUMBER	TX91-3.8K	TX91-5K	TX91-6K	TX91-10K
CAPACITY	Power rating	3.8kVA (3.8kW)	5kVA (5kW)	6kVA (6kW)	10kVA (10kW)
INPUT	Voltage (nominal)	208VAC (220VAC, 230VAC, 240VAC optional)			
	Voltage range	110-300VAC*			
	Frequency	46–64Hz auto-sensing			
OUTPUT	Voltage	120 / 208 / 220 / 230 / 240 VAC***			
	Voltage regulation	± 1%			
	Frequency	50/60Hz ± 0.1Hz			
	Overload capacity	110% 10 min; 130% 1 min; >130% 1 sec			
	Efficiency	Up to 97% ECO mode, 91% online mode			
BATTERY/CHARGER	Battery type	Sealed, maintenance-free lead acid			
	Battery quantity and size (standard / XR models)	(20) 12V 9AH / (20) 12V 580W			
	Charger voltage/current	273VDC / 1A-4A (selectable)			
PHYSICAL	Input/output	Terminal blocks or optional PDU			
	Dimensions (W x D x H)	9.9 x 23.3 x 32.4 in			
	Weight	272 lbs	275 lbs	278 lbs	307 lbs
OPTIONAL BATTERY PACKS	Battery quantity and size	BP960-1(20) 12V 9AH; BP960-2(40) 12V 9AH; BP960-3(60) 12V 9AH			
	Dimensions (W x D x H)	9.9 x 23.3 x 32.4 in			
	Weight	BP960-1 - 190lbs; BP960-2 - 320 lbs; BP960-3 - 450 lbs			
OPTIONAL PDU	Input connection	Terminal blocks or 6 ft, L6–30P*		6 ft, L6–30P* (6kVA only) or terminal blocks	
	120V receptacles	(4) 5–15/20R		(4) 5–15/20R	
	240V receptacles	(6) C19		(4) C19 + L6-30R	
	240V receptacle options	L6–30R, L6–20R, 6–15/20R			
ENVIRONMENT	Temperature	32–104°F (0–40°C)			
	Audible noise	< 50dBA			
	Altitude	5,200 ft above sea level			
APPROVALS		UL1778, cUL, FCC Class A, RoHS, TAA compliant			
WARRANTY		3 years electronics, 3 years battery (USA and Canada); 1 year outside the USA and Canada			
COMMUNICATIONS INTERFACE		RS-232, EPO, intelligent slot for optional cards (Web/SNMP, Relay/dry contact, Modbus)			
INCLUDED IN BOX		User manual, RS-232 communication cable, ViewPower Software CD			
AVAILABLE OPTIONS		5 year extended warranty, output PDU, input L6–30P cord (for 3.8kVA, 5kVA & 6kVA)			

*Depending on load level. **6kVA system capacity will be reduced by 30A input circut*
****Check User Manual for all combinations of input and output voltages in both normal & bypass mode.*

BATTERY

	Internal battery		XR Internal*		+ BP960-1		+ BP960-2	
Percentage load:	50%	100%	50%	100%	50%	100%	50%	100%
TX91-3.8K	37	15	48	21	92	38	140	64
TX91-5K	26	10	35	15	64	26	106	45
TX91-6K	20	8	28	12	50	21	87	35
TX91-10K	9	3	14	6	23	10	39	18
	+ BP960-3		+ (2) BP960-2		+ (2) BP960-3		+ (3) BP960-3	
Percentage load:	50%	100%	50%	100%	50%	100%	50%	100%
TX91-3.8K	198	94	258	120	403	172	572	265
TX91-5K	142	65	186	89	279	126	443	190
TX91-6K	119	51	149	70	224	105	349	153
TX91-10K	58	26	79	35	116	55	170	89

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.
*Battery packs not to be used with XR models.



TX91 rear view

XTREME Power Conversion®

Protect your business.

XPC USA / Denver, CO / sales@xpcc.com

www.xpcc.com

©2026 Xtreme Power Conversion Corporation. All Rights Reserved. TX91.04U (Rev 10/1/26)