

XTREME POWER CONVERSION TX91L

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

For more information, visit www.xpcc.com/tx91L



Isolated online UPS with extended runtime capability

Isolated online UPS provides the cleanest power in the most demanding conditions. The TX91L 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.

TX91L provides dual output voltages and optional configurable PDU to meet a wide range of receptacle requirements.

For internal battery runtime options, reference www.xpcc.com/tx91_3-10

PRODUCT SNAPSHOT

- › Available models: 3.8kVA/3.8kW, 5kVA/5kW, 6kVA/6kW, 10kVA/10kW
- › TX91L includes a powerful 4A charger for use with larger external battery systems
- › Auto restart
- › UL1778, cUL, FCC Class A, RoHS, TAA compliant
- › 3 year electronics (USA and Canada)

FEATURES

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

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

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

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

Programmable charger—adjustable from 1A-4A via the LCD display

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

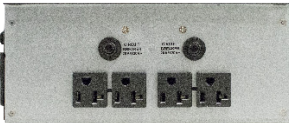
LCD display—monitor vital and precise information

MODEL SELECTION GUIDE

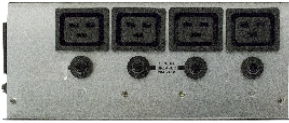
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MODEL NUMBER		TX91L-3.8K	TX91L-5K	TX91L-6K	TX91L-10K
CAPACITY	Power rating	3.8kVA (3.8kW)	5kVA (5kW)	6kVA (6kW)	10kVA (10kW)
INPUT	Voltage (nominal)	208VAC (220VAC, 230VAC, 240VAC optional)			
	Voltage range	110-300VAC			
	Frequency	46–64Hz auto-sensing			
OUTPUT	Voltage	240/120VAC or 230/115VAC			
	Voltage regulation	± 1%			
	Frequency	50/60Hz ± 0.1Hz			
	Overload capacity	200% for 1 min	150% for 1 min	130% for 1 min	
	Efficiency	Up to 97% ECO mode, 91% online mode			
BATTERY/CHARGER	Charger amps	1A-4A (max) programmable from LCD			
	Charger voltage	273VDC			
PHYSICAL	Input/output	Terminal blocks or optional PDU			
	Dimensions (W x D x H)	9.9 x 23.3 x 22.7 in			9.9 x 23.3 x 32.4 in
	Weight	152 lbs	155 lbs	158 lbs	187 lbs
OPTIONAL PDU	Input connection	Terminal blocks or 6 ft, L6–30P*			Terminal blocks
	120V receptacle options	5–15/20R			
	240V receptacle options	L6–30R, L6–20R, 6–15/20R, C19			
ENVIRONMENT	Temperature	32–104°F (0–40°C)			
	Audible noise	< 50dBA			
	Altitude	11,500 ft above sea level			
APPROVALS		UL1778, cUL, FCC Class A, RoHS, TAA compliant			
WARRANTY		3 year electronics (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)			

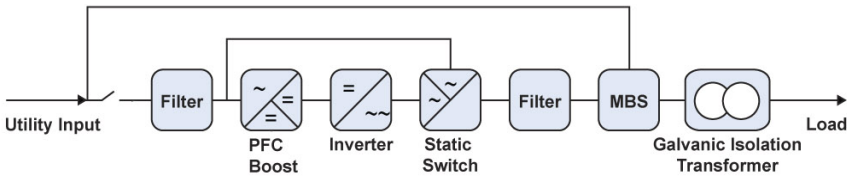
*6kVA system capacity will be reduced by 30A input circuit



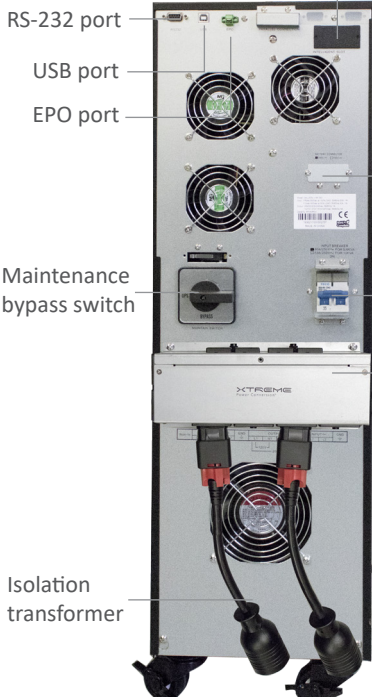
IO box top view



IO box bottom view



Isolated Online Voltage Regulator



Intelligent slots for optional Web/SNMP, Relay/dry contact cards

RS-232 port

USB port

EPO port

Maintenance bypass switch

External battery connector

Input breaker

Optional IO box

Isolation transformer

TX91L rear view

X-TREME
Power Conversion®

Protect your business.

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www.xpcc.com

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