

# XTREME POWER CONVERSION TXVR

Isolated Online Voltage Regulator // 208VAC, 240/120VAC or 230/115VAC

For more information, visit [www.xpcc.com/txvr](http://www.xpcc.com/txvr)



## Power conditioning for voltage critical processes in the most demanding conditions

The TXVR Isolated electronic voltage regulator provides the cleanest power in the most demanding conditions. The galvanic isolation transformer prevents common mode noise while voltage variations are eliminated by the electronic voltage regulator.

TXVR applications include laboratory, scientific, industrial, and any critical installation with voltage fluctuations and grounding or noise issues. TXVR provides dual output voltages and optional configurable PDU to meet a wide range of receptacle requirements.

For isolated online UPS systems, reference [www.xpcc.com/tx91-3-10k](http://www.xpcc.com/tx91-3-10k)

### PRODUCT SNAPSHOT

- › Available models: 3.8kVA/3.8kW, 5kVA/5kW, 6kVA/6kW, 10kVA/10kW
- › Regulates utility voltage variations to within  $\pm 1\%$  without batteries
- › Eliminates surges, spikes and noise
- › UL1778, cUL, FCC Class A, RoHS, TAA compliant
- › 3 year warranty (USA and Canada)

### FEATURES

#### Electronic Voltage Regulation

TXVR maintains output voltage at  $\pm 1\%$  with input variations of  $-45\%$  to  $+45\%$

#### Surge voltage withstand capability

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

#### 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

**LCD display**—monitor vital and precise status and alarm information

#### Upgradable to UPS

—TXVR is upgradable to UPS by upgrading firmware and adding battery cabinets.

#### Maintenance bypass

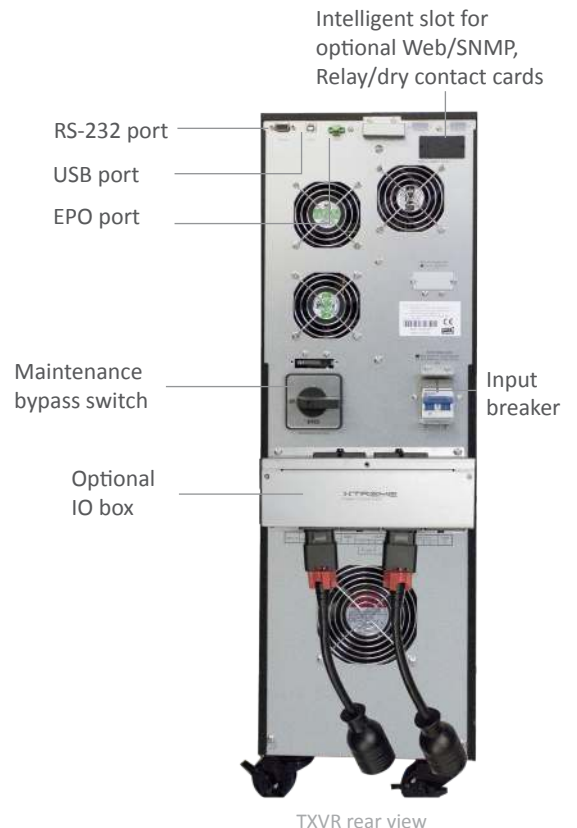
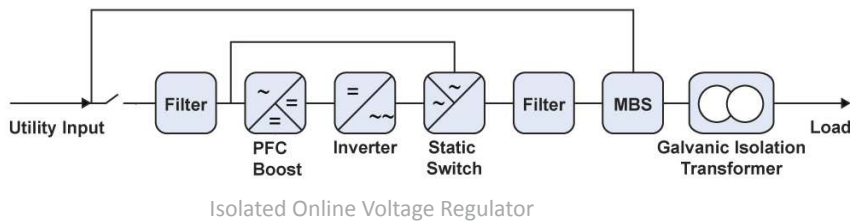
—manually transfer critical loads from inverter power to utility power, enabling TXVR maintenance

# MODEL SELECTION GUIDE

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	MODEL NUMBER	TXVR-3.8K	TXVR-5K	TXVR-6K	TXVR-10K
CAPACITY	Power rating	3.8kVA/3.8kW	5kVA/5kW	6kVA/6kW	10kVA/10kW
INPUT	Voltage (nominal)	208/220/230/240VAC			
	Voltage range	110-300VAC*			
	Frequency	46-54Hz or 56-64Hz			
OUTPUT	Voltage	208VAC, 240/120VAC or 230/115VAC			
	Voltage Regulation	± 1%			
	Frequency	50Hz ± 0.1Hz or 60 Hz ± 0.1Hz			
	Overload capacity	110% 10 min; 130% 1 min; >130% 1 sec			
	Efficiency	up to 97% ECO mode, 91% online mode			
	Harmonic Distortion	<2% @ 100% linear load (regardless of input distortion)			
PHYSICAL	Input/output	Terminal blocks or optional PDU			
	Dimensions (W x D x H)	9.8 x 23.2 x 32.4 in			
	Weight	142 lbs	145 lbs	148 lbs	187 lbs
OPTIONAL PDU	Input connection	Terminal Block with 6ft L6-30P**			Terminal Block
	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 years 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)			

\*Depending on load level. \*\*6kVA system capacity will be reduced by 30A input circuit



**X-TREME**  
Power Conversion®

Protect your business.

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