

XTREME POWER CONVERSION Isolation PDU

For more information, visit www.xpcc.com/isolation-pdu/

Isolation Rack Power Distribution // 120V and 240/120V // 1.5kW to 10kW



Isolation Power Distribution for Demanding Environments

Meet demanding voltage requirements and improve power quality with the Xtreme Power Conversion Isolation PDU family, rack-mount power distribution units engineered to deliver clean, stable power to critical loads.

When paired with an Xtreme Power UPS, the Isolation PDU forms a robust rack power architecture designed for challenging electrical conditions. The integrated galvanic isolation transformer reduces common-mode noise and electrical interference found in IT, retail, industrial, and laboratory environments.

Xtreme Power Isolation PDUs support multiple output voltages and receptacle configurations, making them well suited for mixed-load racks and sensitive electronic equipment

For PDUs without isolation transformer reference the XPDU at www.xpcc.com/xpdu

PRODUCT SNAPSHOT

- › Available models: 1.5kW to 10kW
- › Voltages: 120V, 208V, or 240V
- › Installation: Rackmount or tower
- › Isolation Technology: Galvanic isolation transformer
- › Use Cases: IT, retail, industrial, and laboratory environments
- › Not TAA compliant — for TAA projects specify a TX91, TX91L

FEATURES

Galvanic Isolation Transformer - Eliminates common-mode noise and ground loop interference for cleaner output power

Enhanced Power Quality - Protects sensitive electronic loads in electrically noisy environments

Flexible Input Options - Available in hardwired or plug-and-receptacle configurations to meet site requirements

NEMA Receptacle Configurations - NEMA 5-15, 5-20R, L14-30R, L6-30R and models available (varies by model)

Terminal Blocks – Input and output terminal blocks available (select models)

True isolation, not an autotransformer — separate windings, no electrical path. Autotransformers change voltage but do not isolate.

UPS-Integrated Design — XPD-IT15LV pairs with the P91-1500 or 1.5kLi, XPD-IT20LV with the P91-2000 or 2kLi.

Install downstream, close to the load — connect equipment directly to the PDU. Isolation exists only at the transformer output.

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/isolation-pdu/

MODEL NUMBER	Input Power Connection	Outlets	Voltage	Capacity	Dimensions (W x D x H)	Weight
Transformer PDU						
XPD-IT15LV	Detachable 3 ft, 5-15P to C13 Cord	(16) NEMA 5-15R	120V to 120V	1.5kW	17.3 x 16.1 x 3.5 in (2U)	44 lbs
XPD-IT20LV	Detachable 3 ft, 5-20P to C19 Cord	(16) NEMA 5-15/20R	120V to 120V	2kW	17.3 x 20.1 x 3.5 in (2U)	50 lbs
XPD-IT15A	Detachable 3 ft, C14 to C13 Cord	(16) 5-15R	208V in to 120V	1.5kW	17.3 x 10.5 x 3.5 in (2U)	43 lbs
XPD-IT60A	3 ft, L6-30P	(1) L6-30R and (12) 5-15/20R	208V to 240/120V 240V to 240/120V	6kW	17.3 x 18.0 x 3.5 in (2U)	137 lbs
XPD-IT6kW	Input terminal block	Output terminal block (2) L14-30R (8) 5-15/20R	208V to 240/120V 240V to 240/120V	6kW	17.3" x 32.8" x 4.7 (3U)	199 lbs
XPD-IT10kW	Input terminal block	Output terminal block (2) L14-30R (8) 5-15/20R	208V to 240/120V 240V to 240/120V	10kW	17.3 x 32.8 x 4.7 in (3U)	209 lbs



XPD-IT20LV rear view

(16) NEMA 5-15/20R



XPD-IT60A rear view

(6) 5-20R

208V or 240V Input
Voltage Selector Switch

(6) 5-20R

3ft, L6-30P

L6-30R



XPD-IT6kW & XPD-IT10kW rear view

(8) 5-20R

Input & output
terminal blocks



Protect your business.

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