



XTREME XBDM Bypass Distribution Module User Guide

[Home](#) » [Xtreme](#) » XTREME XBDM Bypass Distribution Module User Guide 

XTREME XBDM Bypass Distribution Module



Contents

- [1 INTORDUCTIONS](#)
- [2 PRODUCT SNAPSHOT](#)
- [3 FEATURES](#)
- [4 MODEL SELECTION GUIDE](#)
- [5 Documents / Resources](#)
- [6 Related Posts](#)

INTORDUCTIONS

Repair or replace your UPS without power interruption by manually transferring critical loads from UPS power to utility power using the XBDM

The XBDM ensures continuous uptime for your critical electronics. This maintenance bypass module allows you to manually transfer critical loads from UPS power to utility power using a bypass switch, enabling UPS repair or replacement without power interruption to the load. Transferring back to protected UPS power is just as easy; simply return the bypass switch to the UPS position.

Read the Hot Swappable UPS white paper at www.xpcc.com/whitepaper For hardwired XBDM models, reference www.xpcc.com/xbdmhw

PRODUCT SNAPSHOT

- › Available in: 15AMP, 20AMP, and 30AMP models
- › Simplifies UPS repair or replacement and reduces costly downtime
- › Easy cord connection to UPS
- › Offers surge protection during UPS and utility mode
- › Bypass switch provides transfer within 4–8ms

FEATURES

Power distribution—the XBDM adds up to ten output receptacles and combines bypass functionality with power distribution capability in one enclosure

Replace or service the UPS— while maintaining power to critical loads

Easy installation—both the UPS and utility power are connected to the XBDM with the supplied cords

Simple to operate—LED indicators verify availability of UPS and utility sources to confirm to the operator that power is available before transferring critical loads Surge protection—loads are surge protected even when UPS is in bypass mode; UPS electronics are protected during normal operation

Flexible mounting—supports horizontal 1U rack mount and vertical rack mount installation

MODEL SELECTION GUIDE

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

MODEL NUMBER		XBDM-1015LV	XBDM-1020LV	XBDM-1030LV	XBDM-1020HV
POWER RATING	Voltage/current	120VAC/15A	120VAC/20A	120VAC/30A	230VAC/20A
INPUT	Utility input	12 ft, 5–15P	12 ft, 5–20P	6 ft, L5–30P	IEC C20
	AC frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
OUTPUT	Maximum output	12A	16A	24A	16A
RECEPTACLES	Front output	(6) 5–15R	(6) 5–20R	(5) 5–20R	(2) C19 + (4) C13*
	Rear output	(4) 5–15R	(4) 5–20R	(5) 5–20R	(4) C13
	Rear UPS input	(1) 5–15R	(1) 5–20R	(1) L5–30R	(1) C19
TRANSFER SWITCH	Quantity and capacity	(1) 15A	(1) 20A	(2) 20A	(1) 20A
UPS OUTPUT	Cord to UPS output	3 ft, 5–15P	3 ft, 5–20P	3 ft, L5–30P	IEC C20
AC SURGE	Max spike current	6500A	6500A	6500A	6500A
	Energy dissipation	114J	114J	114J	220J
	Max clamping voltage	330VAC	330VAC	330VAC	330VAC
INDICATORS	UPS available	Red LED			
	Utility available	Orange LED			
	Surge protection	Green LED			
PHYSICAL	Dimensions (W x D x H)	17 x 3.5 x 1.75 in (1U)			
	Weight	3.5 lbs			
INCLUDED IN BOX		19" rack mounting hardware, user manual, power cords (120VAC models)			

The XBDM features two modes of operation:

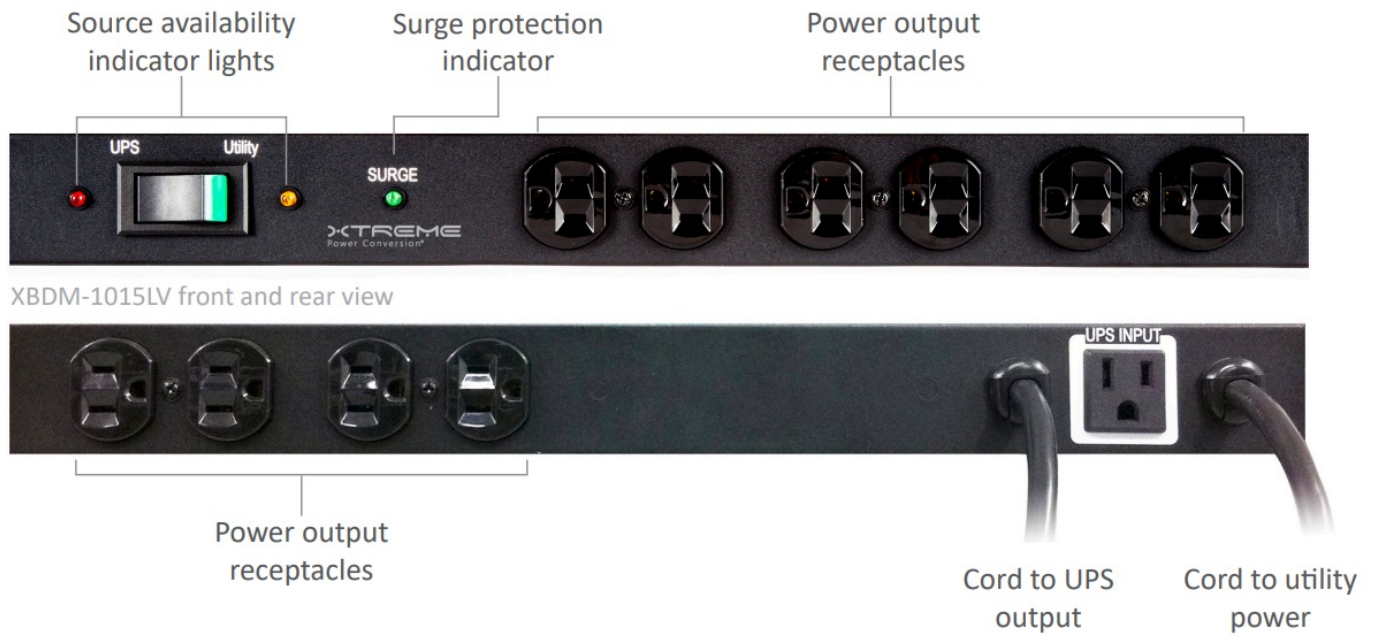
- 1) Utility mode CONNECTED LOADS Utility power bypasses the UPS system and is supplied to the load directly
- 2) UPS mode Power is routed through the UPS system to the connected load

Utility mode



UPS mode






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Documents / Resources

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