

XTREME POWER CONVERSION V80XR

Value Series Pure Sine Wave Line Interactive UPS // 120V

For more information, visit www.xpcc.com/v80xr



Value series line interactive power protection with extended runtimes

V80XR is a pure sine wave line interactive UPS for applications requiring extended runtimes and the fastest battery recharge. Up to four internal battery strings provide up to 2 hours of runtime at partial load.

V80XR units have the highest efficiency ratings available, providing utility cost savings at all load levels. V80XR design provides flexible mounting including tower, wall and rack. V80XR models combine high performance with value pricing.

For lithium models, reference the V80Li at www.xpcc.com/V80li

PRODUCT SNAPSHOT

- › Available models: 700VA, 1000VA, 1500VA, 2000VA
- › Pure sine wave output
- › Easy to replace battery design
- › Tower, wall, and rack mount configurations available
- › UL, cUL, RoHS, TAA Compliant
- › 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

Smart LCD display—vital monitoring and precise information from the front panel

Web/SNMP Card —optional card provides monitoring of critical UPS parameters, alarms and status

96% efficient operation—high efficiency ECO mode lowers energy consumption

Extended runtimes—up to four internal battery strings provide up to 2 hours at partial load

Maintenance bypass—an optional XBDM bypass module enables the V80XR to be serviced or replaced without interruption of power to critical loads

Auto restart—after full battery discharge, the V80XR automatically restarts when utility power returns

Powerful Battery Charger—provides up to 6 amps of charging current for quick battery recharge

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/v80xr

MODEL NUMBER		V80-700XR	V80-1000XR	V80-1500XR	V80-2000XR
CAPACITY	Power rating	700VA (420W)	1000VA (600W)	1500VA (900W)	2000VA (1200W)
INPUT	Voltage nominal	120VAC			
	Voltage range	82-148VAC			
	Frequency	50/60Hz auto-sensing			
OUTPUT	Voltage	120VAC			
	Waveform	Pure sine wave			
	Transfer time (typical)	2-6ms			
	Efficiency	Up to 96% ECO mode, 93% buck and boost mode			
	Harmonic distortion	2% @ 100% linear load; 5% @ 100% non-linear load			
BATTERY	Battery type	Sealed, maintenance-free lead acid 12V 9AH			
	Internal battery strings	XR1, XR2, XR3, XR4	XR1, XR2	XR1, XR2	XR1, XR2
	Charging current	1, 3 and 6A selectable (6A default)			
	Quick recharge	4 hours to 90%			
PHYSICAL	Dimensions (W x D x H)	17.2" x 16.1" x 3.5"			
	Weight (lbs)	25.5, 31, 37, 43 lbs	31.3, 43 lbs	32.3, 44.5 lbs	34.3, 46.3 lbs
	Line cord (detachable)	5ft, 5-15P to C13			5ft, 5-20P to C19
	Receptacles	(8) NEMA 5-15R			
ENVIRONMENT	Operating temperature	32-104°F (0-40°C)			
	Audible noise	< 40dBA		< 45dBA	
	Altitude	11,500 ft above sea level			
APPROVALS	UL, cUL, RoHS, TAA Compliant				
WARRANTY	3 years electronics, 3 years battery warranty (USA and Canada)				
COMMUNICATIONS INTERFACE	RS-232, USB, EPO, intelligent slot for optional cards (Web/SNMP, Relay/dry contact, Modbus)				
INCLUDED IN BOX	Front mount rack brackets, line cord, tower pedestals, user manual, USB cable, Power Monitor software				
AVAILABLE OPTIONS	5 year extended warranty, bypass distribution (XBDM), power distribution (XPDU), 4-post rail kit, 2-post shelf kit, wall mount bracket				

BATTERY RUNTIMES

Battery Strings:	1 string (XR1)				2 strings (XR2)				3 strings (XR3)				4 strings (XR4)			
Percentage load:	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%
V80-700XR	31	13	6	4.3	70	29	17	13	114	49	28	21	153	73	41	22
V80-1000XR	47	20	12	6.0	105	45	26	16	-	-	-	-	-	-	-	-
V80-1500XR	28	12	6	3.8	63	27	15	11	-	-	-	-	-	-	-	-
V80-2000XR	19	7	3.5	1.7	43	18	10	4.4	-	-	-	-	-	-	-	-

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.



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