XTREME POWER CONVERSION **P80**

Pure Sine Wave Line Interactive UPS // 120VAC

For more information, visit www.xpcc.com/p80



Advanced line interactive power protection for servers and network equipment

The P80 is a pure sine wave line interactive UPS that protects critical data and equipment from power problems while supplying clean and reliable network grade power.

Line interactive design corrects voltage using transformer taps rather than battery, keeping batteries charged for actual outages.

P80 units are the highest efficiency available, providing utility cost savings at all load levels. P80 design provides flexible mounting including tower, rack, or optional wall mounting.

For true online double conversion models, reference the P91 at www.xpcc.com/p91_1-3

PRODUCT SNAPSHOT

- Available models: P80-800, 1100, 1500, 2000, 2200, 3000(V2)
- Pure sine wave output
- Tower, wall, 2-post and 4-post rack mounting configurations available
- UL, cUL, RoHS, TAA compliant
- 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

Auto restart—after full battery discharge, the P80 automatically restarts when utility power returns

99% efficient operation—high efficiency ECO mode lowers energy consumption

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

Programmable receptacle group—maximize uptime for critical loads and equipment by shedding less critical loads

Temperature compensation—temperature compensated charging to prolong battery life and help reduce replacement costs

Hot swappable battery—easy to replace without interrupting the load

Extended battery runtimes—optional matching battery modules available with P80-1500, 2000, 2200, and 3000(V2) models for extended runtimes

Maintenance bypass—an optional XBDM bypass module enables the P80 to be replaced or serviced without interruption of power to critical loads

$50,000 load protection policy—protection against damaged connected equipment

Isolation option—add an XPD-IT isolation transformer PDU (non-TAA) downstream where the load is sensitive to common mode noise.

XTREME Power Conversion®
Protect your business.

TAA

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/p80

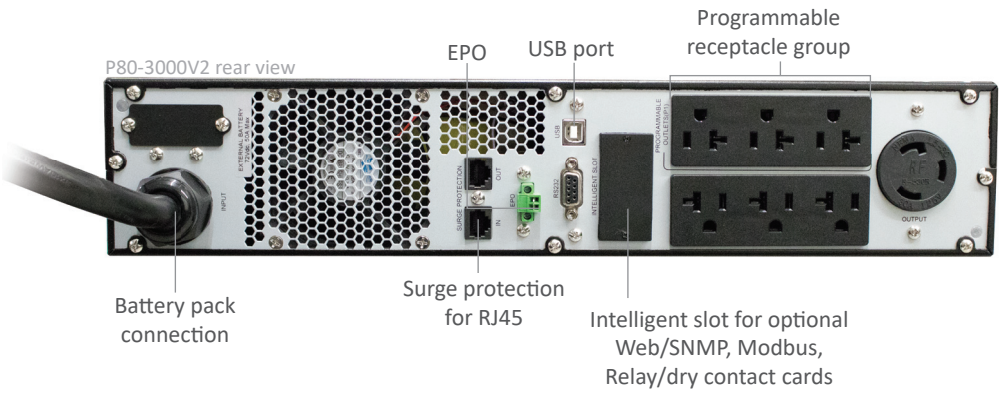
	MODEL NUMBER	P80-800	P80-1100	P80-1500	P80-2000	P80-2200	P80-3000(V2)
CAPACITY	Power rating	800VA (720W)	1100VA (990W)	1500VA (1350W)	2000VA (1800W)	2200VA (2000W)	3000VA (2700W)
INPUT	Voltage nominal	120VAC					
	Voltage range	-32% to +27% without use of battery					
	Frequency	50/60Hz auto-sensing					
OUTPUT	Voltage	120VAC nominal (110/115/127 selectable)					
	Waveform	Pure sine wave					
	Transfer time (typical)	2–6ms					
	Efficiency	Up to 99% ECO mode, 95% buck and boost mode					
	Harmonic distortion	2% @ 100% linear load; 5% @ 100% non-linear load					
BATTERY	Battery type	Sealed, maintenance-free lead acid					
	Battery quantity/size	(2) 12V 7AH	(2) 12V 9AH	(4) 12V 9AH	(4) 12V 9AH	(6) 12V 7AH	(6) 12V 9AH
	Charging current	1.5A max					
	Typical recharge	4 hours to 90%					
PHYSICAL	Dimensions (W x D x H)	17.2 x 15.1 x 3.5 in		17.2 x 18.9 x 3.5 in		17.2 x 23.6 x 3.5 in	
	Weight	29.3 lbs	30.5 lbs	44.7 lbs	47.4 lbs	61.7 lbs	67.1 lbs
	Line cord	6 ft, 5–15P	6 ft, 5–15P	6 ft, 5–15P	6 ft, 5–20P	6 ft, 5–20P	6 ft, L5–30P
	Receptacles	(8) NEMA 5–15R			(8) NEMA 5–15/20R		(8) 5–15/20R **or** (6) 5–15/20R + L5-30R (V2)
OPTIONAL BATTERY PACKS	Model number	N/A		P90-BP48		P90-BP72	
	Dimensions (W x D x H)	N/A		17.2 x 18.9 x 3.5 in		17.2 x 23.6 x 3.5 in	
	Weight	N/A		74.6 lbs		104.4 lbs	
	Battery	N/A		(8) 12V 9AH / 48V		(12) 12V 9AH / 72V	
ENVIRONMENT	Operating temperature	32–104°F (0–40°C)					
	Audible noise	< 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		Software CD, horizontal brackets, tower pedestals, user manual					
AVAILABLE OPTIONS		5 year extended warranty, bypass distribution (XBDM), power distribution (XPDU), isolation transformer PDU (XPD-IT, non-TAA), 4-post rail kit, 2-post shelf kit, wall mount bracket					

Rack depth is front bracket to unit panel. Add 1" for depth including front bezel.

BATTERY RUNTIMES

	Internal batteries				(1) Battery pack				(2) Battery packs			
Percentage load:	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%
P80-800	29	11	6	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
P80-1100	26	11	5	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
P80-1500	43	18	10	6	161	75	43	30	298	131	86	58
P80-2000	30	12	6	4	119	50	30	20	211	97	58	40
P80-2200	32	12	6	4	125	54	32	22	219	104	62	43
P80-3000(V2)	30	12	6	4	119	50	30	20	211	97	58	40

Maximum of two battery packs per P80-1500, P80-2000, P80-2200, or P80-3000(V2). Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.



Protect your business.

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