Up to 4.5kW of efficient reliable power in just 2U rack space

The P80g 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.

P80g units provide the highest efficiency available, with utility cost savings at all load levels. P80g flexible design accommodates tower or rack mounting.

For true online double conversion models, reference the P90 at www.xpcc.com/p90

PRODUCT SNAPSHOT

› Available models: 3000VA, 5000VA
› 208VAC, 230VAC, 240/120VAC, and 208/120VAC
› Tower, 2-post and 4-post rack mounting configurations available
› Up to 5kVA of power, with internal batteries, all in a 2U package
› CE, RoHS certifications
› 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

Auto restart—after full battery discharge, the P80g 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 reduce overall costs

Hot swappable battery—easy to replace without interrupting the load

Extended battery runtimes—optional matching battery modules available for extended runtimes

Maintenance bypass—an optional XBDM bypass module enables the P80g-3000 to be replaced or serviced without interruption of power to critical loads

$50,000 load protection policy—protection against damaged connected equipment
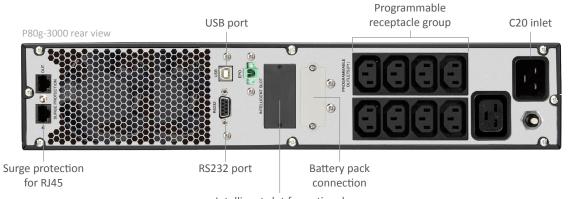
XTREME
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Protect your business.

MODEL SELECTION GUIDE

	MODEL NUMBER	P80g-3000	P80g-5000	P80g-5KTB
CAPACITY	Power rating	3000VA (2700W)	5000VA (4500W)	5000VA (4500W)
INPUT	Voltage nominal	208/220/230/240VAC		208VAC or 240VAC
	Voltage range	162–290VAC		
	Frequency	50/60Hz auto-sensing		60Hz
OUTPUT	Voltage	208/220/230/240VAC		208/120VAC or 240/120VAC
	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 and size	(6) 12V 9AH	(6) 12V 580W at 5 min	
	Charging current	1.5A max		
	Typical recharge	4 hours to 90%		
PHYSICAL	Dimensions (W x D x H)	17.2 x 23.6 x 3.5 in (2U)		17.2 x 23.6 x 7.0 in (4U)
	Weight	61.9 lbs	78.5 lbs	224 lbs
	Line cord	8 ft, detachable C19 to L6–20P	6 ft, L6–30P	6 ft, L6–30P
	Receptacles	(1) C19 + (8) C13	(1) L6–30R + (4) C19	(2) L6–30R + (2) L6–20R + (12) 5–15/20R
	Receptacle options	L6–30R, L6–20R, L6–15R, 6–15/20R		
OPTIONAL BATTERY PACKS	Model number	P90-BP72	P80-BP72X	
	Dimensions (W x D x H)	17.2 x 23.6 x 3.5 in	17.2 x 23.6 x 3.5 in	
	Weight	104.4 lbs	110.4 lbs	
	Battery	(12) 12V 9AH / 72V	(12) 12V 580W at 5 min / 72V	
ENVIRONMENT	Operating temperature	32–104°F (0–40°C)		
	Audible noise	< 45dBA		
	Altitude	11,500 ft above sea level		
APPROVALS		CE, RoHS		
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), 4-post rail kit, 2-post shelf kit		

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%
P80g-3000	13	8	5	3	56	34	24	20	107	66	47	38
P80g-5000	10	5	3	2	38	24	18	14	71	45	33	27
P80g-5KTB	10	5	3	2	38	24	18	14	71	45	33	27

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

P80g-3000 rear view

USB port
Programmable receptacle group
C20 inlet
Surge protection for RJ45
RS232 port
Battery pack connection
Intelligent slot for optional Web/SNMP, Modbus, Relay/dry contact cards

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