

XTREME POWER CONVERSION P90L

Online UPS // 120VAC or 208/230VAC

For more information, visit www.xpcc.com/p90l



Online UPS with a powerful charger for extended battery runtimes

The P90L is a true online UPS with an internal high capacity charger for connection to matching extended battery packs or large external systems.

P90L-6K and 10K models are available with optional galvanic isolation transformers providing complete common mode noise protection and 240/120 output.

P90L-6K and 10K paralleling details and options available. See 6K & 10K brochure.

PRODUCT SNAPSHOT

- › Available models: P90L-1500, 2000, 3000, 6K, and 10K
- › Charger capacities up to 1.1kW
- › Tower, 2-post, and 4-post rack mounting configurations available
- › UL, cUL, FCC, RoHS
- › 3 years electronics, 3 years battery warranty

FEATURES

0.9 output power factor—
P90L systems provide more real capacity for high density loads

98% efficient operation—
high efficiency ECO mode lowers energy consumption

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

Frequency converter—
P90L can be programmed to convert from 50Hz to 60Hz or 60Hz to 50Hz

Hot swappable battery—
P90L optional battery packs are easy to replace without interrupting the load

Multiple communications capability—RS-232, USB, Web/SNMP, and optional AS400/dry contact

Load shedding capabilities—
P90L-1500, 2000, and 3000 models maximize uptime for critical loads and equipment by shedding less critical loads

Extended runtimes—
P90L can be connected with large external battery systems or optional matching battery packs

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

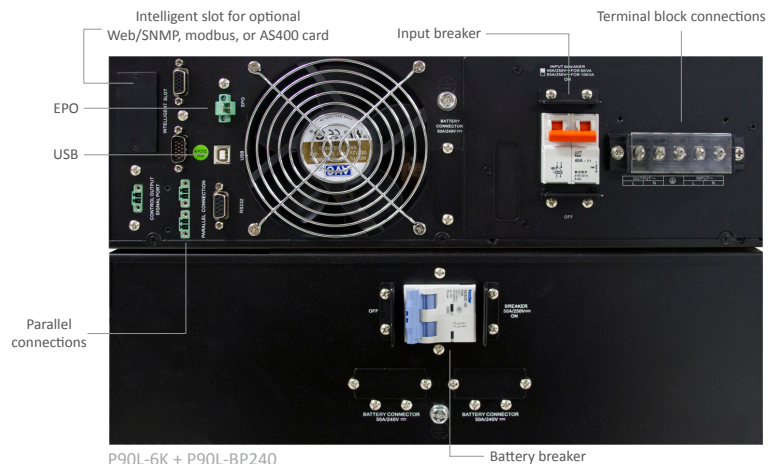
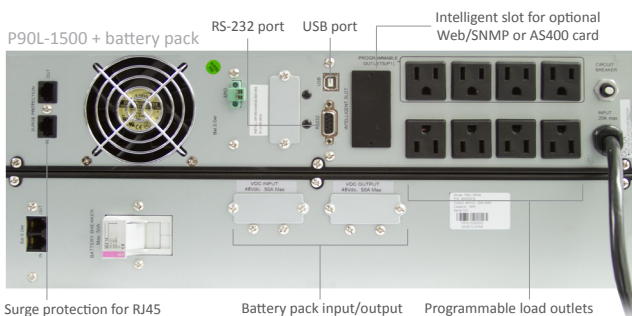
MODEL SELECTION GUIDE

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MODEL NUMBER		P90L-1500	P90L-2000	P90L-3000	P90L-6K	P90L-10K
CAPACITY	AC output	1250VA (1125W)	1700VA (1530W)	2500VA (2250W)	6kVA (5.4kW)	10kVA (9kW)
	DC charging	246W	328W	493W	1.1kW	1.1kW
INPUT	Voltage	120VAC			208/230VAC	
	Frequency	50/60Hz auto-sensing			50/60Hz	
OUTPUT	Voltage	120VAC			208VAC, 230VAC, or 240/120, 230/115, 208/104VAC with optional transformer module	
	Frequency	50/60Hz ± 3Hz			50/60Hz ± 4Hz	
	THD (full load)	< 2%			< 2%	
	Overload protection	125% 2 min; 150% 10 sec; > 150% 1 sec			110% 10 min; 130% 1 min; >130% 1 sec	
	Crest factor	5:1			3:1	
BATTERY CHARGER	Charger amps	6A			4A	
	Nominal/Float voltage	36/41VDC	48/55VDC	72/82VDC	240/270VDC	
PHYSICAL	UPS dimensions (WxDxH)	17.2" x 18.9" x 3.5"	17.2" x 18.9" x 3.5"	17.2" x 23.6" x 3.5"	17.3" x 22.8" x 5.3"	17.3" x 26.3" x 5.3"
	UPS weight	25.8 lbs	27.6 lbs	33.2 lbs	40 lbs	48 lbs
	Input connection	6ft cord with 5-15P	6ft cord with 5-20P	6ft cord with L5-30P	Hardwired or 6ft cord with L6-30P	Hardwired
	Output connection	(8) NEMA 5–15R	(8) NEMA 5–15/20R	(1) NEMA L5–30R + (4) NEMA 5–15/20R	Hardwired or cord with L6-30R (6K) or output PDU	
ENVIRONMENT	Efficiency	Up to 98% ECO mode and 92% online mode				
	Operating temperature	32–104°F (0-40°C)				
	Audible noise	< 50dBA			< 58dBA	< 60dBA
	Altitude	11,500ft above sea level				
OPTIONAL BATTERY PACKS	Model number	P90-BP36	P90-BP48	P90-BP72	P90L-BP240	
	BP dimensions (WxDxH)	17.2" x 18.9" x 3.5"	17.2" x 18.9" x 3.5"	17.2" x 23.6" x 3.5"	17.3" x 24.6" x 5.3"	
	BP weight	58.1 lbs	74.6 lbs	104.4 lbs	138 lbs	
	Battery quantity/type	(6) 12V9AH/36V	(8) 12V9AH/48V	(12) 12V9AH/72V	(20) 12V9AH/240V	
APPROVALS		UL, cUL, FCC, RoHS			UL, cUL, RoHS	
WARRANTY		3 years electronics, 3 year battery				
COMMUNICATIONS INTERFACE		RS-232, USB, intelligent slot for optional Web/SNMP, and AS400/dry contact cards				
INCLUDED IN BOX		Software CD, horizontal brackets, tower pedestals, 4-post rail kit (P90L-1500, 2000, 3000)				
AVAILABLE OPTIONS		5 year extended warranty, bypass distribution (XBDM), power distribution (XPDU)				

BATTERY RUNTIMES *(Runtimes are shown in minutes and will vary based on battery age and site conditions.)*

	UPS + 1 BP	UPS + 2 BP	UPS + 3 BP	UPS + 4 BP	UPS + 5 BP	UPS + 6 BP	UPS + 7 BP	UPS + 8 BP
Backup time	Half/full	Half/full	Half/full	Half/full	Half/full	Half/full	Half/full	Half/full
P90L-1500	35/12	107/35	205/68	325/107	464/153	620/205	794/262	983/325
P90L-2000	36/12	108/36	206/68	326/108	466/154	624/206	798/263	988/326
P90L-3000	37/12	111/37	212/70	336/111	481/159	645/212	824/272	1020/336
P90L-6K	19/9	47/20	79/34	115/50	153/66	193/84	236/102	280/121
P90L-10K	10/5	24/11	41/18	59/26	79/35	100/43	122/53	145/63



X-TREME
Power Conversion®

Protect your business.

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