

XTREME POWER CONVERSION P90

Online UPS // 120VAC or 208/230VAC

For more information, visit www.xpcc.com/p90



Slim 2U form factor UPS delivers clean and continuous power to IT equipment during power disturbances

The P90 is a true online UPS that delivers continuous, high quality AC power to servers and network equipment with no break when transferring to battery.

The P90 provides both tower and rack mount form factors. It protects your equipment from blackouts, brownouts, sags, surges, and noise interference.

The P90 offers the lowest total cost of ownership by cutting energy costs and lowering heat output.

For maintenance bypass options, reference the XBDM at www.xpcc.com/xbdm

PRODUCT SNAPSHOT

- › Available models: 1000VA, 1500VA, 2000VA, 3000VA
- › 98% efficiency in ECO mode
- › Tower, 2-post and 4-post rack mounting configurations available
- › UL, cUL, CE, FCC, RoHS
- › 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

0.9 output power factor—more real wattage 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—P90 can be programmed to convert from 50Hz to 60Hz or 60Hz to 50Hz

Load shedding capabilities—maximize uptime for critical loads and equipment by shedding less critical loads

Extended battery runtimes—optional matching battery modules available with 2000VA and 3000VA models for extended runtimes

Hot swappable battery—easy to replace without interrupting the load

Maintenance bypass—an optional XBDM bypass module enables the P90 to be replaced or serviced without interruption of power to critical loads

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

XTREME
Power Conversion®

Protect your business.

MODEL SELECTION GUIDE

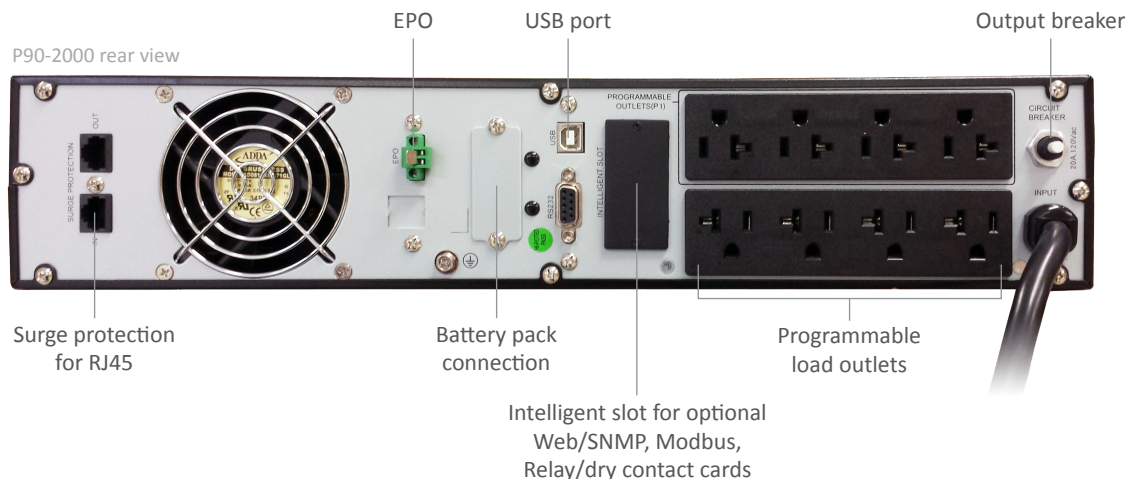
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MODEL NUMBER		P90-1000	P90-1500	P90-2000	P90-3000	P90g-3000
INPUT	Capacity	1000VA (900W)	1500VA (1350W)	2000VA (1800W)	3000VA (2700W)	3000VA (2700W)
	Voltage range	50–150VAC*				110–300VAC*
	Frequency	50/60Hz auto sensing				
OUTPUT	Voltage	120VAC nominal (100/110/115 selectable)**				208/220/ 230/240VAC***
	Waveform	Pure sine wave, zero transfer time				
	Frequency	50/60Hz ± 0.5Hz				
	THD (full load)	< 2%				
	Efficiency	98% ECO mode, 90% online mode				
	Surge protection	800 J				
	Overload capacity	125% for 2 min; 150% for 10 sec; >150% for 1 sec				
BATTERY	Battery type	Sealed, maintenance-free lead acid				
	Battery quantity and size	(2) 12V 9AH	(3) 12V 9AH	(4) 12V 9AH	(6) 12V 9AH	
	Typical recharge	< 4 hours to 90% with 1A charger current				
PHYSICAL	Dimensions (W x D x H)	17.2 x 14.9 x 3.5 in	17.2 x 18.9 x 3.5 in		17.2 x 23.6 x 3.5 in	
	Weight	29.1 lbs	41.7 lbs	47.4 lbs	65.7 lbs	
	Line cord	6 ft, 5–15P	6 ft, 5–15P	6 ft, 5–20P	6 ft, L5–30P	8 ft, C19 to L6–20P
	Receptacles	(8) NEMA 5–15R		(8) NEMA 5–15/20R	(1) NEMA L5–30R + (4) NEMA 5–15/20R	(1) IEC C19 + (6) IEC C13
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 quantity and size	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, FCC, RoHS					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, 16 in battery cable kit					
AVAILABLE OPTIONS	5 year extended warranty, bypass distribution (XBDM), power distribution (XPDU), 4-post rail kit, 2-post shelf kit, wall mount bracket					

*Depending on load level; **P90 capacity derates 20% at 100V output voltage; ***P90g-3000 capacity derates 20% at 208VAC output voltage

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

Percentage load:	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%
	P90-1000				P90-1500				P90-2000				P90(g)-3000			
Standard UPS w/ battery	28	12	7	4.5	28	12	7	4.5	28	12	7	4.5	28	12	7	4.5
(1) Battery pack	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	93	39	24	17	93	39	24	17
(2) Battery pack	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	175	74	45	31	175	74	45	31



X-TREME
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Protect your business.

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