XTREME POWER CONVERSION **P91 1-3kVA**

Lead Acid Battery // Online UPS // 120VAC

For more information, visit www.xpcc.com/p91_1-3



1450W at 1.5kVA. TAA Compliant. 15.1 Inches Deep

The Xtreme Power P91 UPS is an online double conversion UPS solution which offers power conditioning and outage protection in a compact and flexible rack/tower form factor.

With near unity power factor operation (2U units), the Xtreme Power P91 provides maximum usable power to your equipment. Xtreme Power protects your business with a standard three year or optional five year product warranty.

The P91 UPS provides scalable battery capacity when extended protection is required. The powerful charger can provide up to 8 amps of current to quickly recharge up to 7 matching battery packs.

For 230V online UPS models, visit www.xpcc.com/p91g_1-3

PRODUCT SNAPSHOT

- Available models: 1000VA(1U/2U), 1500VA, 2000VA, 3000VA
- Tower, wall, 2-post, and 4-post rack mounting configurations
- Hot swappable battery design
- UL, cUL, RoHS, FCC A, FCC B, TAA compliant
- $50,000 load protection policy
- 3 years warranty (USA and Canada)

FEATURES

High output power factor—P91 provides near unity output power factor rating (2U units)

Charging current—1/2/4/6/8A, adjustable from LCD display. Optimize charging for most battery solutions (2U units only)

Maintenance bypass—an optional XBDM bypass module enables the P91 to be replaced or serviced without interruption of power to critical loads

Auto restart—after full battery discharge, the P91 automatically restarts when utility power returns

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

Efficient operation—up to 98% ECO mode efficiency lowers energy consumption

Extended battery runtimes—optional matching battery modules available with 1500VA, 2000VA, and 3000VA models for extended runtimes

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/p91_1-3

	MODEL NUMBER	P91c-1000	P91-1000	P91-1500	P91-2000	P91-3000
CAPACITY	Power rating	1000VA (800W)	1000VA (1000W)	1500VA (1450W)	2000VA (1930W)	3000VA (2880W)
INPUT	Voltage/frequency	55–150VAC* / 50/60Hz auto-sensing				
OUTPUT	Voltage	120VAC	120VAC nominal (100/110/115/127 selectable)***			
	Waveform	Pure sine wave, 1U: <=3% THD (linear load), <=5% THD (non-linear load); 2U: <=2% THD (linear load), <=4 THD (non-linear load)				
	Frequency	50/60Hz ± 0.3Hz	50/60Hz ± 0.1Hz			
	Efficiency	Up to 98% ECO mode or 94% online mode				
	Overload capacity	1U online mode: > 105% & ≤ 130% for 2 min; > 130% & ≤200% for 10 sec; >200% for 250 ms 2U online mode: > 110% & ≤ 130% for 5 min; > 130% & ≤140% for 30 sec; >140% for 1.5 sec				
BATTERY	Battery chemistry	Sealed, maintenance-free lead acid				
	Battery size	(4) 6V 290W	(2) 12V 9AH	(3) 12V 9AH	(4) 12V 9AH	(6) 12V 9AH
	Typical recharge / charger	< 9 hours to 90%	< 3 hours to 95% with 2A charger current			
	Charging current	1A	2A default, max 8A adjustable			
PHYSICAL	Dimensions (W x D x H)**	17.2 x 17.8 x 1.7 in	17.2 x 15.1 x 3.5 in		17.2 x 19 x 3.5 in	17.2 x 23.8 x 3.5 in
	Weight	28 lbs	25.5 lbs	34.2 lbs	43 lbs	60.6 lbs
	Line cord	C14 inlet, 5ft 5-15P to C13 line cord	6 ft, 5–15P		6 ft, 5–20P	6 ft, L5–30P
	Receptacles	(3) NEMA 5–15R	(8) NEMA 5-15R		(8) NEMA 5–15/20R	L5–30R + (6) 5–15/20R
ENVIRONMENT	Operating temperature	32–104°F (0–40°C)				
	Altitude	6,500 ft above sea level				
APPROVALS		UL, cUL, RoHS, FCC Class B (1000 (2U), 1500VA), FCC Class A (1000 (1U), 2000, 3000VA), TAA compliant				
WARRANTY		3 years electronics, 3 years battery warranty (USA and Canada)				
COMMUNICATIONS INTERFACE		RS-232(2U), USB, EPO, intelligent slot for optional cards (Web/SNMP, Relay/dry contact, Modbus)				
INCLUDED IN BOX		ViewPower software,front brackets, tower pedestals, user manual				
AVAILABLE OPTIONS		Bypass distribution (XBDM), power distribution (XPDU), isolation transformer PDU (XPD-IT, non-TAA), 4-post rail kit, 2-post shelf kit, wall mount bracket (2U units)				

**Depending on load level. **Rack depth is front bracket to unit panel. Add 1" for depth including front bezel. ***Capacities are based on highest selectable voltage. Some models derate at lower voltages*

BATTERY RUNTIMES

	Internal batteries		External Battery Packs													
			1		2		3		4		5		6		7	
Percentage load:	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
P91c-1000	20	8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
P91-1000	10	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
P91-1500 (BP36)	10	3	42	17	84	33	120	51	157	72	199	93	244	112	289	128
P91-1500 (BP36E)	10	3	84	33	157	72	244	112	339	146	N/A	N/A	N/A	N/A	N/A	N/A
P91-2000 (BP48)	10	3	42	17	84	33	121	51	157	72	200	93	244	112	290	128
P91-3000 (BP72)	10	3	42	17	84	33	121	52	158	73	201	94	246	112	292	129

Maximum of seven battery packs per P91-1500, P91-2000, or P91-3000 (excluding BP36E). Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.

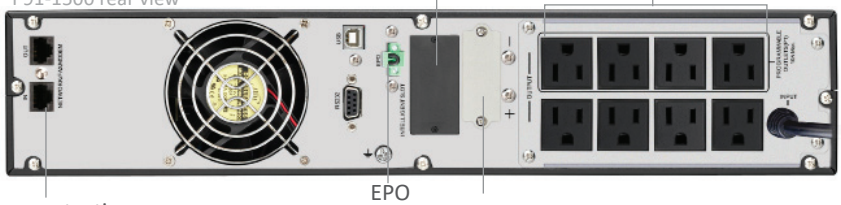


P91c-1000 rear view

Intelligent slot for optional communication card

Programable receptacle group

P91-1500 rear view



EPO

Surge protection for RJ45

External battery connector

Xtreme Power Conversion®

Protect your business.

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