

XTREME POWER CONVERSION P90U 5kW, 6kW, & 10kW Unity

Online UPS // 208/230VAC or 208/120VAC

PRELIMINARY



More Power in Less Space with Lead Acid or Lithium Ion Battery

Designed for high density critical loads, the P90U delivers industry leading reliability, efficiency and flexibility.

P90U can be configured for online or ECO mode operation for efficiency of up to 99%. Output voltage and frequency are programmable to meet a wide range of USA and international requirements.

P90U battery pack options include Lithium Ion and Lead Acid providing industry leading power density and flexibility

For distribution options, reference the XPDU at www.xpcc.com/xpdu

PRODUCT SNAPSHOT

- › Available models: 5kVA/5kW, 6kVA/6kW, 10kVA/10kW
- › True online double conversion technology
- › Tower, 2-post, and 4-post rack mounting configurations available
- › 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

Unity output power factor—P90U systems provide more real capacity for high density loads

Lithium ion battery—optional battery reduces space, increases life up to 8-10 years and up to 2000 full discharges

Parallel operation—up to three units can be paralleled for additional capacity or N+1 redundancy

Efficient operation—up to 95% online or 99% ECO mode efficiency lowers energy consumption

Hot swappable battery—P90U optional battery packs are easy to replace without interrupting the load

Isolation transformer—optional 2U PDU with isolation transformer provides 120V output

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

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

XTREME
Power Conversion®

Protect your business.

MODEL SELECTION GUIDE

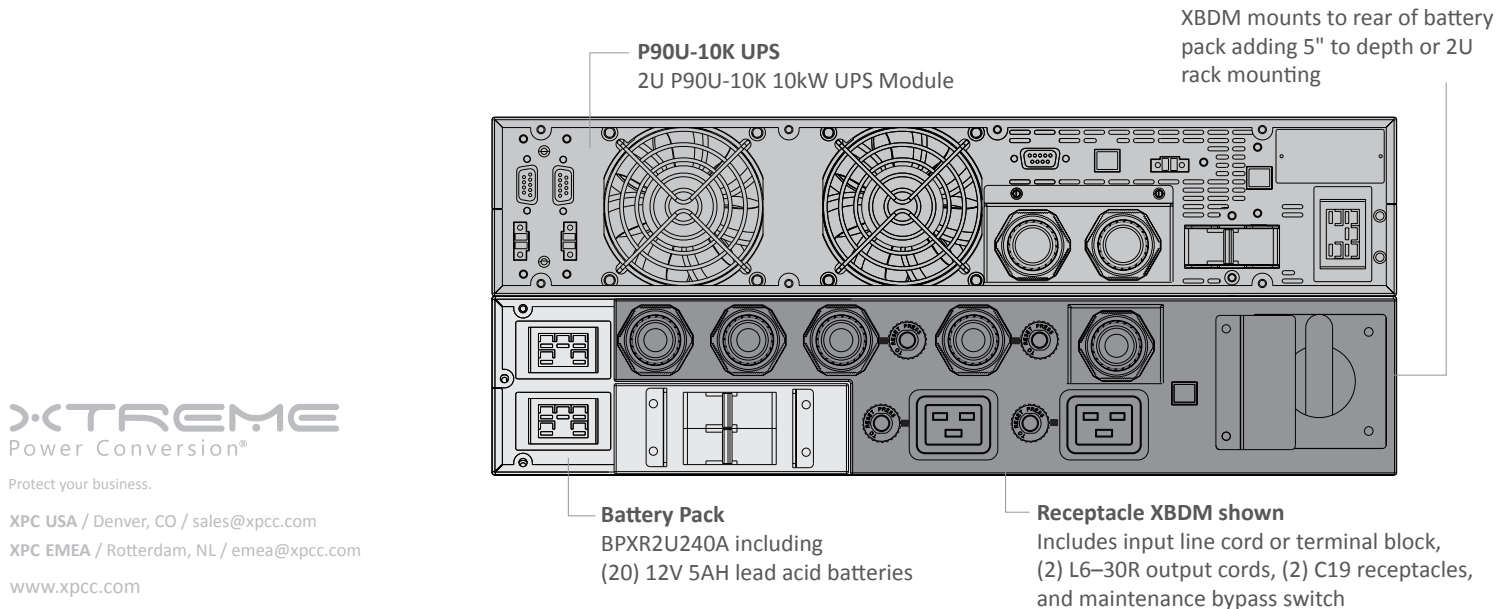
MODEL NUMBER		P90U-5K	P90U-6K	P90U-10K
CAPACITY	Power rating	5kVA (5kW)	6kVA (6kW)	10kVA (10kW)
INPUT	Voltage	110–300VAC*		
	Frequency	50/60Hz		
OUTPUT	Voltage	200/208/220/230/240VAC (208/120V or 240/120V with optional transformer)		
	Frequency	50/60Hz ± 4Hz		
	THD (full load)	< 4%		
	Overload capacity	110% 10 min; 130% 1 min; > 130% 1 sec		
	Efficiency	Up to 95% online mode or 99% ECO mode		
BATTERY CHARGER	Charger amps	1–4A		
	Nominal/float voltage	273VDC		
DIMENSIONS & WEIGHT	Dimensions (W x D x H)	17.2 x 23.6 x 3.5 in		
	Weight	33.1 lbs		39.7 lbs
BYPASS DISTRIBUTION MODULE	Model	Hardwired XBDM	Receptacle XBDM	
	Input connection	Terminal block	L6–30P (5, 6kVA) or Terminal Block	
	Output connection	Terminal blocks + (2) C19 or optional: L6–30R, L6–20R, 6–15R	(2) L6–30R cords + (2) C19 or optional: L6–30R, L6–20R, 6–15R	
ENVIRONMENT	Operating temperature	32–104°F (0–40°C)		
	Audible noise	< 55dBA		< 58dBA
	Altitude	11,500 ft above sea level		
APPROVALS	UL/FCC (pending), 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			
AVAILABLE OPTIONS	5 year extended warranty, power distribution (XPDU), 4-post rail kit, 2-post shelf kit, transformer			

*Depending on load level.

BATTERY PACK DATA & RUNTIMES

		Qty	1kW	2kW	3kW	4kW	5kW	6kW	7kW	8kW	9kW	10kW
Model Number	BPXR2U240A	1 BP	57	24	16	11	8	7	5	4	4	3
Dimensions/Weight	17.2 x 27.4 x 3.5 in (2U)	2 BP	132	57	35	24	19	16	13	11	10	8
Battery Quantity/Type	(20) 12V 5AH Lead Acid	3 BP	218	93	57	40	30	24	20	17	16	14
Model Number	BPXR3U240A	1 BP	99	43	27	19	15	12	9	8	7	6
Dimensions/Weight	17.2 x 27.4 x 5.2 in (3U)	2 BP	229	99	61	43	33	27	22	19	16	15
Battery Quantity/Type	(20) 12V 580W Lead Acid	3 BP	374	162	99	70	54	43	36	31	27	23
Model Number	BPLi1U240A	1 BP	55	27	19	14	11	9	8	7	6	5.5
Dimensions/Weight	17.2 x 25.6 x 1.75 in (1U)											
Battery Quantity/Type	1050WH-240V Lithium Ion											

Runtimes are shown in minutes and will vary based on battery age and site conditions.



X-TREME
Power Conversion®

Protect your business.

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