XTREME POWER CONVERSION **J90 1-3kVA**

Lithium (LFP) // Online UPS // 120VAC

For more information, visit www.xpcc.com/j90



Half the Size and Weight. More Power Protection. 15-Year Battery Life.

The J90 is a true online 1U UPS that delivers continuous high-quality AC power for servers, network gear, and critical IT equipment. Its Lithium Iron Phosphate (LFP) battery provides up to 15 years of life, up to five times longer than lead acid, with extended runtime and superior high-temperature performance. The TAA-compliant design makes it suitable for U.S. government and commercial deployments while reducing total cost of ownership.

Switched receptacles enable remote reboot of individual outlets, eliminating on-site service calls. Its compact short-depth design makes the J90 ideal for edge environments such as retail, kiosks, ATMs, branch offices, healthcare, light manufacturing, and financial institutions where reliable power is essential.

For 230V 1U lithium UPS options, reference the J90i at www.xpcc.com/j90i

PRODUCT SNAPSHOT

- Available models: 1000VA, 1500VA, 2000VA, 3000VA
- True double conversion online topology
- Individual receptacle on/off control via SNMP
- Lithium Iron Phosphate (LFP) provides up to 15-year battery life
- 6 years electronics, 6 years battery warranty (USA and Canada)

FEATURES

Switched Receptacles — Remotely control individual outlets via the optional Web/SNMP card to power cycle unresponsive equipment

Enhanced Safety & Reliability — Advanced $LiFePO_4$ chemistry and integrated BMS ensure long battery life and protection

Extended Runtime (1.5, 2 kVA & 3 kVA Models) — Add the J90-EBP48 external battery pack for significantly longer backup time

Remote ON/OFF Control — Enables UPS startup and shutdown using remote contacts

Smart LCD Display — Provides real-time load, battery, and system data from the front panel

Full-Power High-Temp Operation — Delivers full rated output up to 50 °C (122 °F) with no capacity derating; see warranty terms for continuous operation above 40 °C.

Comprehensive Coverage — Includes a $50,000 load protection policy for connected equipment

1U Rackmount or Wall Mount — Compact 1U design installs easily with included wall brackets, or an optional rail kit for four-post racks

TAA Compliant – Qualified for U.S. government and public sector procurement

XTREME Power Conversion®
Protect your business.

TAA

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/j90

	MODEL NUMBER	J90-1KLiD	J90-1.5KLiD	J90-1.5KLiX	J90-2KLiD	J90-3KLiD
CAPACITY	Power rating	1000VA (900W)	1500VA (1350W)	1500VA (1500W)*	2000VA (1800W)	3000VA (2700W)
INPUT	Voltage/frequency	125 / 120 / 110 VAC				
	Line cord	C14 inlet, 5ft 5-15P to C13 line cord	6ft 5-15P	6ft 5-15P	6ft 5-20P	6ft L5-30P
OUTPUT	Voltage	125 / 120 / 110 VAC				
	Receptacles (all switchable)	(4) 5–15R			(4) 5-15/20R	(3) 5-20R and L5-30R on S/O cord
	Frequency	50/60Hz ± 0.5%				
	Efficiency	Up to 92%		Up to 93%		Up to 94.5%
	Overload capacity	≤130% for 2 min; 130% < Load < 200% for 10 sec; >200% for 250ms				
UPS PHYSICAL	Dimensions (W x D x H)	17.2 x 18.8 x 1.7 in (438 x 477 x 44 mm)	17.2 x 20.1 x 1.7 in (438 x 511 x 44 mm)	17.2 x 22.8 x 1.7 in (438 x 579 x 44 mm)		
	Weight	26.8 lbs (12.2 kg)	27.7 lbs (12.6 kg)	34.1 lbs (15.5 kg)		35.2 lbs (16 kg)
INTERNAL UPS BATTERY	Battery Type & Capacity	LFP 25.6V / 6AH	LFP 38.4V / 6AH	LFP 51.2V / 5 AH		
	Typical recharge	4 hours		1 hour		
EBP48 BATTERY PHYSICAL	Dimensions (W x D x H)	17.2 x 22.8 x 1.7 in (438 x 580 x 44 mm)				
	Weight	30.8 lbs (14 kg)				
ENVIRONMENT	Operating temperature	32–122°F (0–50°C)				
	Altitude	6500 ft (2000 m) above sea level				
APPROVALS		UN38.3 , UL, cUL, RoHS, FCC A, TAA Compliant				
WARRANTY		6 years electronics, 6 years battery warranty (USA and Canada)**				
COMMUNICATIONS INTERFACE		Intelligent slot for optional cards (Web/SNMP, Relay/dry contact, Modbus)				
INCLUDED IN BOX		ViewPower software, wall mount brackets, user manual				
AVAILABLE OPTIONS		Bypass distribution (XBDM), power distribution (XPDU), 4-post rail kit, 2-post shelf kit				

**See J90 User Manual for capacities at voltages below 125 VAC **2-year warranty for installations where the ambient temperature exceeds 40°C (104°F) and is less than 50°C (122°F)*

BATTERY RUNTIMES

UPS Load (VA)	100	150	200	300	400	600	800	1000	1200	1400	1500	1500	1800	2000	2667	3000
UPS Load (Watts)	90	135	180	270	360	540	720	900	1080	1260	1350	1500	1620	1800	2400	2700
J90-1kLiD	53	35	30	21	16	11	8.1	6.5	-	-	-		-	-	-	-
J90-1.5kLiD	-	59	44	33	24	17	13	10.5	8.8	7.5	7	-	-	-	-	-
J90-1.5kLiX	-	72	54	36	28	20	15	12	10	8.6	8	7.2	-	-	-	-
J90-1.5kLiX + 1 EBP48*	-	360	270	180	142	100	75	60	50	43	40	36	-	-	-	-
J90-2kLiD	-	-	54	36	28	20	15	12	10	8.6	8	7.2	6.7	6	-	-
J90-2kLiD + 1 EBP48*	-	-	270	180	142	100	75	60	50	43	40	36	33	30	-	-
J90-3kLiD	-	-	-	38	28	20	15	12	10	8.6	8	7.2	6.7	6	4.5	4
J90-3kLiD + 1 EBP48*	-	-	-	189	142	98	73	60	50	43	40	36	33	30	23	20

**Up to 6 EBP-48 can be used with J90-1.5kLiX, J90-2kLiD or J90-3kLiD. Please refer to https://xpcc.com/products/j90/ for complete runtime chart. Runtimes are shown in minutes and will vary based on battery age and site conditions.*



J90-1.5kLi rear view

XTREME Power Conversion®

Protect your business.

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