

# XTREME POWER CONVERSION J90i

Lithium-Ion // Online UPS // 208/230VAC



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

The J90i 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 J90i ideal for edge environments such as retail, kiosks, ATMs, branch offices, healthcare, light manufacturing, and financial institutions where reliable power is essential.

For 120V 1U lithium UPS options, reference the J90 at [www.xpcc.com/j90](http://www.xpcc.com/j90)

### 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 Web/SNMP to power cycle unresponsive equipment.

**High-Temperature Performance** — Operates reliably up to 50 °C (122 °F) with no derating for demanding environments.

**Enhanced Safety & Reliability** — Advanced LiFePO<sub>4</sub> chemistry and integrated BMS ensure long battery life and protection.

**Extended Runtime (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.

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

**1U Rackmount or Wall Mount** — Compact 1U design installs easily with optional rail kit or wall brackets for IT and AV use.

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

## MODEL SELECTION GUIDE

MODEL NUMBER		J90i-1KLID		J90i-1.5KLID		J90-2KLID		J90-3KLID									
CAPACITY	Power rating	1000VA (900W)		1500VA (1350W)		2000VA (1800W)		3000VA (2700W)									
INPUT	Voltage/frequency	208*/220/230/240 VAC, 40-70Hz															
	Line cord	C14 Inlet				C20 Inlet											
OUTPUT	Power factor	$\geq 0.99$ @ Nominal voltage (full load)															
	Voltage	208/220/230/240VAC															
	Waveform	Pure sine wave: $\leq 3\%$ THD (linear load), $\leq 5\%$ THD (non-linear load)															
	Receptacles (all switchable)	(4) IEC C13				(3) C13 and (1) C19											
	Frequency	50/60Hz $\pm 0.5\%$															
	Efficiency	Up to 88%	Up to 91%	Up to 92%	Up to 94.5%												
Overload capacity		$\leq 130\%$ 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 477 x 44 mm)		17.2 x 22.8 x 1.7 in (438 x 477 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	Lithium Iron Phosphate (LFP)															
	Battery quantity & size	(1) 25.6V /6Ah		(1) 38.4V / 6Ah		(1) 48V / 5Ah											
	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		4-post rail kit, 2-post shelf kit															

\* See J90 User Manual for capacity deration at 208 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

	Internal battery	UPS+1EBP48	UPS+2EBP48	UPS+3EBP48	UPS+4EBP48	UPS+5EBP48	UPS+6EBP48	
Percentage load:	50%	100%	50%	100%	50%	100%	50%	100%
J90i-1k	13	6.5	-	-	-	-	-	-
J90i-1.5k	14	7	-	-	-	-	-	-
J90i-2k	12	6	60	30	108	54	156	78
J90i-3k	8	4	40	20	72	36	104	52



Protect your business.

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