

XTREME POWER CONVERSION J60i

Ultra-Compact Lithium UPS // 230VAC

For more information, visit www.xpcc.com/j60i



15-Year Lithium UPS Built for Extreme Heat and Tight Spaces

Slim and lightweight, the J60i Lithium UPS delivers long-term power protection for critical electronics in space-constrained environments. Powered by advanced Lithium Iron Phosphate (LFP) battery technology, the J60i provides up to 15 years of service life in standby or float applications, or 3,000–5,000 partial discharge cycles, far exceeding traditional UPS solutions.

Designed for high-temperature applications, the J60i operates continuously at temperatures up to 50°C (122°F). Its compact form factor makes it ideal for automation systems, video walls, PoE switches, programmable logic controllers (PLCs), kiosks, industrial computers, and point-of-sale (POS) equipment where a conventional UPS will not fit.

For a slim PDU, reference the J40 surge PDU at www.xpcc.com/j40

PRODUCT SNAPSHOT

- › Available models: 350VA/200W, 600VA/360W
- › Power outage protection from 6 minutes to hours
- › 3 years electronics and battery warranty. OEM and program purchases per applicable supply agreement.
- › CE, IEC/EN 61000-3-2 Class A, RoHS, TAA compliant

FEATURES

Long Life Battery

LiFePO4 batteries provide protection for up to 15 years in float service, or 3,000–5,000 partial discharge cycles

Highest Efficiency

Operates at up to 98% efficiency, saving utility costs and reducing heat output

Web/SNMP Card

Optional external card provides monitoring of critical UPS parameters, alarms and status (available on J60i-600)

Maintenance-Free Design

LFP chemistry avoids the scheduled battery replacement cycle required by VRLA, reducing service visits and lifetime cost of ownership

Output Power Control

Optional Web/SNMP card provides remote on/off control of output power to reboot loads (available on J60i-600)

Mounting Brackets

Allows the J60i to mount on walls, under counters, or inside enclosures

Environmental Monitoring

Optional Environmental Monitoring Device provides temperature and humidity monitoring (requires Web/SNMP card on J60i-600)

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/j60i

MODEL NUMBER		J60i-350	J60i-600
CAPACITY	Power rating	350VA (200W)	600VA (360W)
INPUT	Voltage	230VAC	
	Frequency	50/60Hz	
OUTPUT	Voltage	230VAC	
	Waveform	Sine wave (normal), simulated sine wave (battery mode)	
	Frequency	50/60Hz	
	Surge suppression	312 joules	
	Transfer time	2-6 ms (typical)	
BATTERY	Battery type	Lithium Iron Phosphate (LiFePo4)	
	Battery quantity and size	(8) LiFePO4 18650, 2400mAh	(16) LiFePO4 18650, 4400mAh
PHYSICAL	Dimensions (W x D x H)	6.9 x 8.5 x 1.25 in* (175 x 216 x 32 mm)	7.3 x 10.8 x 1.6 in (185 x 275 x 40 mm)
	Weight	3.4 lbs (1.5 kg)	4.7 lbs (2.1 kg)
	Line cord	C14 inlet	
	Receptacles	(2) IEC C13	
ENVIRONMENT	Temperature	32–122°F (0–50°C), derating above 104°F (40C)	
	Humidity	0–90%	
COMMUNICATIONS INTERFACE	Standard	USB interface (cable and software included)	DB9 port for optional webcard
	Web/SNMP card option	N/A	External card: UPS monitoring and output On/Off control
	Environmental monitoring device	N/A	Temperature and humidity (requires Web/ SNMP card)
APPROVALS		CE, IEC/EN 61000-3-2 Class A, RoHS, TAA	
WARRANTY		3 years electronics and battery**	
AVAILABLE OPTIONS		DIN rail kit · Web/SNMP card (J60i-600) · Environmental Monitoring Device (J60i-600)	
INCLUDED IN BOX		User manual · mounting brackets	

*Wall mount brackets add 15mm to each side. **Warranty outside USA & Canada is 3 years; 2 years where ambient is 40–50°C (104–122°F). Rated cycle life assumes cell temperatures at or below 40°C (104°F); 15-year service life applies to standby or float applications. Actual battery life varies with discharge frequency, depth of discharge and operating temperature. OEM and program purchases per applicable supply agreement.

BATTERY RUNTIMES

System Load (watts)	30	40	80	120	160	200	240	280	320	360
J60i-350	43	32	17	11	9	7	N/A	N/A	N/A	N/A
J60i-600	86	64	35	23	17	14	11	9	8	6

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



J60i-SNMP, optional for 600VA. Remote monitoring and on/off control.



J60i-350 DIN rail mounted. Optional DIN rail mounting kit.



J60i-350 rear panel. C14 inlet and (2) IEC C13 outlets, 1.25 in (32mm) height.

X-TREME
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