

# XTREME POWER CONVERSION J60

Lithium UPS // 120VAC or 230VAC

For more information, visit [www.xpcc.com/j60](http://www.xpcc.com/j60)



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

Slim and lightweight, the J60 Lithium UPS delivers long-term power protection for critical electronics in space-constrained environments. Powered by advanced Lithium Iron Phosphate (LFP) battery technology, the J60 provides up to 15 years of service life or 3,000–5,000 charge/discharge cycles, far exceeding traditional UPS solutions.

Designed for high-temperature applications, the J60 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](http://www.xpcc.com/j40)

### PRODUCT SNAPSHOT

- › Available models: 350VA/200W, 600VA/360W
- › Power outage protection from 6 minutes to hours
- › 5 years electronics, 5 years battery warranty (USA and Canada)
- › UL (120V) / CE (230V), RoHS, TAA compliant

### FEATURES

**Long Life Battery**—LiFePO4 batteries provide protection for up to 15 years or 3000-5000 discharges

**Web/SNMP Card** —optional external card provides monitoring of critical UPS parameters, alarms and status (600VA only)

**Output Power Control** — optional Web/SNMP card provides remote on/off control of J60 output power to reboot loads (600VA only)

**Environmental Monitoring**— optional Environmental Monitoring Device provides temperature and humidity monitoring (600VA with Web/SNMP only)

**Highest Efficiency**—J60 operates at up to 98% efficiency saving utility costs and reducing heat output

**Redundant BMS**— 600VA models includes dual redundant Battery Management Systems insuring cell voltage balancing, current sharing, and protection from over-charge/discharge. 350VA models include single BMS

**Mounting brackets**—allows J60 to mount on walls, under counters, or inside enclosures

# MODEL SELECTION GUIDE

For more information, visit [www.xpcc.com/j60](http://www.xpcc.com/j60)

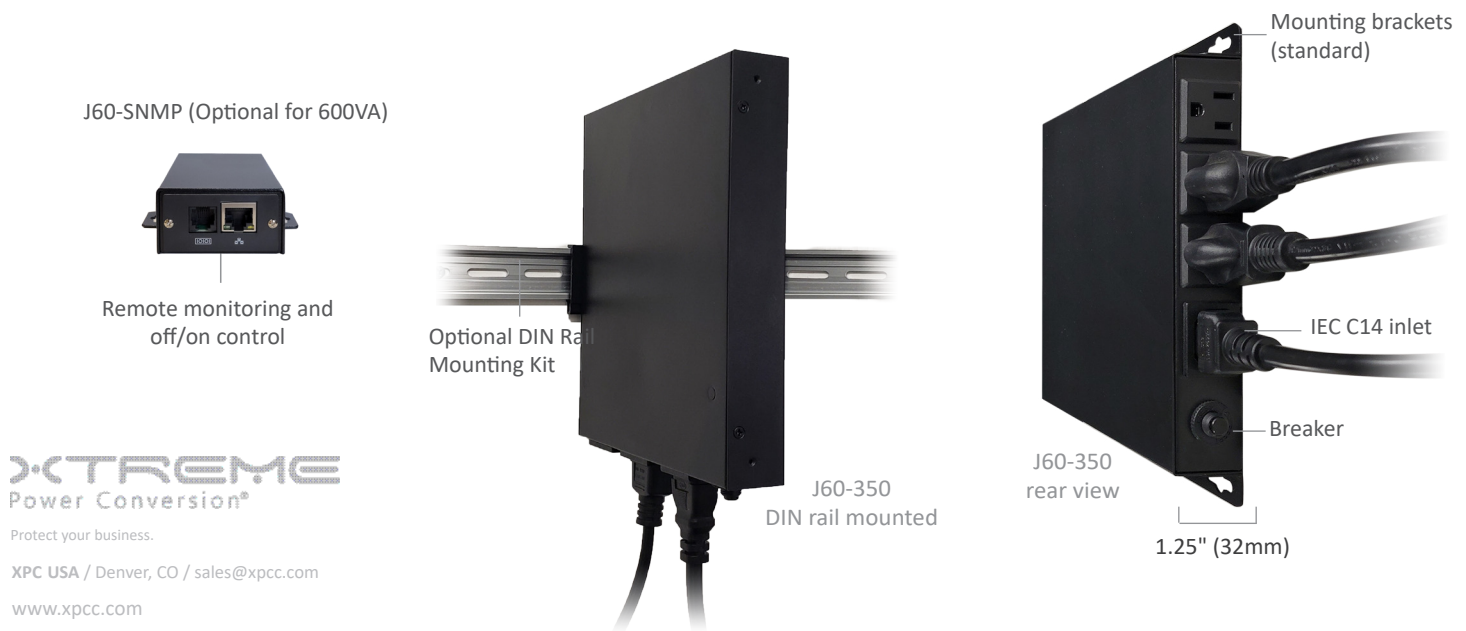
| MODEL NUMBER                |                                 | J60-350                                                                                                                                                | J60i-350                                      | J60-600                                                                       | J60i-600     |
|-----------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------|--------------|
| CAPACITY                    | Power rating                    | 350VA (200W)                                                                                                                                           | 350VA (200W)                                  | 600VA (360W)                                                                  | 600VA (360W) |
| INPUT                       | Voltage                         | 120VAC                                                                                                                                                 | 230VAC                                        | 120VAC                                                                        | 230VAC       |
|                             | Frequency                       | 50/60Hz                                                                                                                                                |                                               |                                                                               |              |
| OUTPUT                      | Voltage                         | 120VAC                                                                                                                                                 | 230VAC                                        | 120VAC                                                                        | 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 cells, 2400mAh                                                                                                                       |                                               | (16) LiFePO4 18650 cells, 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                       | Detachable 5–15P to C13                                                                                                                                | C14 inlet                                     | Detachable 5–15P to C13                                                       | C14 inlet    |
|                             | Receptacles                     | (3) 5–15R                                                                                                                                              | (2) IEC C13                                   | (3) 5–15R                                                                     | (2) IEC C13  |
|                             | ENVIRONMENT                     | Temperature                                                                                                                                            | 32–122°F (0–50°C), derating above 104°F (40C) |                                                                               |              |
| Humidity                    |                                 | 0–90%                                                                                                                                                  |                                               |                                                                               |              |
| Altitude                    |                                 | 11,500 ft above sea level                                                                                                                              |                                               |                                                                               |              |
| COMMUNICATIONS<br>INTERFACE | Standard communications         | USB Interface including cable and software                                                                                                             |                                               | DB9 port provides communication and power for optional webcard                |              |
|                             | Web/SNMP card option            | N/A                                                                                                                                                    |                                               | External Web/SNMP card providing UPS monitoring and receptacle On/Off control |              |
|                             | Environmental monitoring device | N/A                                                                                                                                                    |                                               | Measures temperature and humidity (requires Web/SNMP card option)             |              |
| APPROVALS / COMPLIANCE      |                                 | 120VAC models: UL-1778, cTUVus, CE, IEC/EN 61000-3-2 Class A, FCC Class A, RoHS, TAA.<br>230VAC models: CE, IEC/EN 61000-3-2 Class A, RoHS, TAA        |                                               |                                                                               |              |
| WARRANTY                    |                                 | 5 years electronics, 5 years battery warranty (USA & Canada)**                                                                                         |                                               |                                                                               |              |
| AVAILABLE OPTIONS           |                                 | DIN rail mounting kit, Web/SNMP card (600VA), Environmental Monitoring Device (600VA), power cord with offset/right angle 5-15P plug (120V units only) |                                               |                                                                               |              |
| INCLUDED IN BOX             |                                 | ViewPower CD, user manual, mounting brackets, 5–15P to C13 line cord (120VAC units only)                                                               |                                               |                                                                               |              |

\*Wall mount brackets add 15mm to each side. \*\*Warranty outside of USA & Canada is 3 years. 2-year warranty for installations where the ambient temperature exceeds 40°C (104°F) and is less than 50°C (122°F)

## BATTERY RUNTIMES

| System Load (watts) | 30 | 40 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 |
|---------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| J60/J60i-350        | 43 | 32 | 17 | 11  | 9   | 7   | N/A | N/A | N/A | N/A |
| J60/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.)



**XTREME**  
Power Conversion®

Protect your business.

XPC USA / Denver, CO / [sales@xpcc.com](mailto:sales@xpcc.com)

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