

XTREME POWER CONVERSION **J60** // LEAD ACID UPS COMPARISON

The Xtreme Power J60 (120V) and J60i (230V) provide all the advantages of Lithium Iron Phosphate (LiFePO₄) battery technology in an ultra-slim, space-saving UPS design. Available in 350VA to 600VA models, the J60 delivers superior longevity, thermal performance, and reliability where conventional UPS systems simply cannot compete.



350VA UPS COMPARISON

Feature	J60 / J60i 350VA UPS	Conventional 350VA UPS (Typical)	J60 Advantage
Dimensions	1.25"H x 8.5"D x 6.9"W (32 x 216 x 175 mm)	3.2"H x 8.9"D x 8.1"W (81 x 226 x 206 mm)	J60 is only 1.25" tall—1/3 the size of a conventional UPS, enabling installation in tight spaces where others cannot fit.
Weight	3.4 lbs (1.54 kg)	6–8 lbs (2.72–3.63 kg)	J60 is up to 50% lighter thanks to high-energy-density LiFePO ₄ batteries.
Battery Life	Up to 15 years	3–5 years	LiFePO ₄ chemistry delivers 3× longer service life, significantly reducing maintenance and replacement costs.
Battery Cycle Life	3,000–5,000 discharge cycles	~300 discharge cycles	J60 provides up to 10× the cycle life, ideal for poor power environments and frequent outages.
Operating Temperature	Up to 122°F (50°C) with capacity derating above 104°F (40°C)	Optimized for 77°F (25°C), with lifespan cut in half for every 15°F (8°C) above this	J60 maintains battery health at elevated temperatures where VRLA batteries fail rapidly.
Runtime at Full Load	6 minutes	1–4 minutes	J60 delivers longer runtime to ensure equipment stays online during outages.