

XTREME POWER CONVERSION J60-350 // APC BACKUP-UPS BV400XU COMPARISON

The Xtreme Power J60-350 delivers the advanced performance of Lithium Iron Phosphate (LiFePO₄) battery technology in an ultra-slim 1.25” form factor. With standard mounting brackets and front-access outlets, it is the ideal solution for space-constrained environments where traditional UPS systems cannot be installed.



350VA UPS COMPARISON

Feature	J60-350	APC Back-UPS BV400XU	J60-350 Advantage
Rated Capacity	350VA / 200W	400VA / 220W	Similar power range; J60 is optimized for embedded and tight-space applications.
Form Factor	6.9"H x 8.5"D x 1.25"W (73 cu in)	10.2"H x 6.7"D x 2.4"W (156 cu in)	J60 offers a significantly slimmer profile—less than half the volume of APC.
Battery Technology	Lithium Iron Phosphate (LiFePO ₄)	Lead-Acid	LiFePO ₄ is safer, supports much longer life, and is significantly lighter.
Weight	3.4 lbs	8.8 lbs	J60 is 60% lighter, making it ideal for mounting in compact applications.
Battery Life	Up to 15 years	3–5 years	J60 offers up to 5× longer battery lifespan, reducing total cost of ownership.
Cycle Life	3,000–5,000 cycles	~200 cycles	J60 delivers up to 25× more charge/discharge cycles, ideal for unstable power environments.
Operating Temperature	Up to 122°F (50°C) with capacity derating above 104°F (40°C)	Optimized for 77°F (25°C)	J60 supports significantly higher ambient temperatures without premature battery failure.
Runtime (Full Load)	6 minutes	4 minutes	Despite its smaller form factor, J60 provides longer runtime at full load.
Warranty	5 years	3 years	Industry-leading 5-year warranty provides greater long-term protection and value.