

# XTREME POWER CONVERSION **Li90-10k** vs APC **GALAXY VS 10kVA (GVSUPS10KB4FS)** COMPARISON

Both UPS systems provide true online double-conversion protection for 208/120 V three-phase healthcare, commercial facility, and distributed mission-critical environments. The Xtreme Power Li90 offers advantages in lithium battery lifecycle performance, high-temperature operation capability, and reduced installed system weight supporting modernization-aligned infrastructure deployment.



## 10kVA / 10kW 208/120V Three-Phase Online UPS Comparison

Feature	Xtreme Power Li90-10k	APC Galaxy VS 10kVA (GVSUPS10K-B4FS)	Li90 Advantage
Model Reference	Li90-10k	GVSUPS10KB4FS	Comparable system class
Capacity	10kVA / 10kW	10kVA / 10kW	Equal real power capacity
Topology	Online Double Conversion	Online Double Conversion	Equal protection
Battery Technology	Lithium Iron Phosphate (LiFePO4)	VRLA (Lead-Acid)	Longer lifecycle performance
Battery Life Expectancy	Up to 15 years / 3,000–5,000 cycles	3–5 years typical	Fewer battery replacements
Efficiency (Online Mode)	94.5%	94%	Comparable efficiency
Operating Temperature	Up to 50 °C	40 °C typical	Better high-temperature tolerance
Maximum Internal Runtime	45 minutes (3 strings)	56 minutes (4 strings)	Higher runtime density with APC configuration
Dimensions	12.6W × 35.2D × 49.2H in	10.4W × 33.0D × 58.5H in	Shorter cabinet height
Weight	447 lb	725 lb	Significantly lighter installed system
Floor Footprint	3.1 sq ft	2.4 sq ft	Narrow cabinet advantage for APC
Battery Warranty	5-year lithium battery	2-year VRLA battery typical	Longer coverage with Li90