

Spec Sheet

Bluevolt Leopard LiFePO4 UPS

- ✓ Plug-and-play UPS that also has a built-in **mains DB connection** point
- ✓ Suitable for residential to **light industrial** applications
- ✓ **Solar compatible** with optional upgrade
- ✓ Expert technical support from **design and assembly team in South Africa**



Energy Storage Capacity	3 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO4)
Power Output, Max Continuous	2 kW (surge 300% , 6kW)
Supported Devices	Kettles, microwaves , fridges, pumps, aircon, TVs, computers, lights, WiFi
Charging Time 0-80%	2h 30min on fast-charge setting 13h 30min on slow-charge setting (silent)
Overcurrent Protection and Isolation	DC circuit breaker, multiple AC circuit breakers, electronic disconnects (DC & AC)
Solar Compatible	Solar compatible with optional upgrade and external solar charge controller. Please discuss price and lead time with Bluevolt.
Inverter type	The Bluevolt Leopard features a durable, heavier transformer-based inverter , distinct from high-frequency inverters. It offers exceptional resistance to thermal stresses from overload and is impervious to the black-start issues that can affect competitor products.
Human Interface	Inverter display and ON-OFF switch on top Battery display on side (optional upgrade) Circuit breakers AC & DC for shutting down completely
General Inverter Specs	Waveform: pure sine wave Output frequency: 50Hz Transfer time 15ms
Noise Levels	Silent with zero fan noise when the discharge load is under 500W , or the charge current is set to the slow charge setting. At elevated discharge and charge rates, the fan activates at either full or half speed.
Mains DB Connection	Junction box with spring cage terminal 'Wago' connectors for quick connection
Dimensions & Weight	H 425 x W 295 x L 640 mm 62kg
Enclosure	Steel – powder coated and rated for indoor use
Estimated Useful Lifespan	15+ years 5,500 cycles
Warranty	Battery cells: 3 years Inverter: 2 years Other components: 1 year