



# VPS Spec Sheet

(Vital Power Supply)

Explore our tailor-made Battery Backup solutions; precisely meeting your power protection needs for ultimate peace of mind. We assess, customize, and ensure reliability, setting us apart from generic options. Your power protection aligns perfectly with your requirements, providing unwavering confidence for your business. The power supply remains uninterrupted, with a transfer time of 15 milliseconds.

VPS setup and configuration is effortless. All data is securely stored in the VitalLog Cloud, backed by AWS ensuring round-the-clock protection and access to critical power consumption information. VPS is a central component in the VitalLog Ecosystem, seamlessly integrating with our power, temperature and environmental monitoring devices.



**Model: VL-UPS-US-14KW**



## The VitalLog Ecosystem

### Highlights

- Safer, Longer Lasting LiFePO4 Batteries.
- 6000 Cycles Before 80% Capacity.
- 14kWh Total Energy Storage.
- 6000VA/6000W Max Continuous Power.
- Smart-Sync with VPL and Other VL products.
  - Text Message, Email, Wi-Fi, Run-Time, & Power Usage Alerts.
- VitalLog Cloud Storage, Alerts, & Analytics.

## Technical Specifications

### Performance Specifications

Model	VL-UPS-US-14KW
Total Energy Storage	14kWh
Max Continuous Power	6000W
Input Voltage Range	120-240 VAC
Input/Output Frequency	50Hz/60Hz Auto Sensing
Output Voltage	120/240 VAC
Output Waveform	Pure Sine Wave
Peak Efficiency (ECO mode)	99%
Peak Efficiency (Battery mode)	93%
Nominal Battery Voltage	48V
Maximum Battery Voltage	60V
Transfer Time (AC Mode to Batt. Mode)	15ms
Charging Mode	3-stage
Max AC Charging Current	50A
Battery Type	Lithium Iron Phosphate (LiFePo4)
Warranty	7 years

### Compliance Information

Plug Type	NEMA 14-50
Grid Connections	U.S. & Canada

### Environmental Specifications

Communication Port	UART/BT/RS485/CAN, RS232, USB
Operating/Storage Temp	0°C to 55°C / -15°C to 60°C
Operating Humidity	5% to 95% Relative (Non-Condensing)
Environment	Indoor

### Mechanical Specifications

Weight	348 lbs
Dimensions (D x W x H)	28.12" x 18.04" x 25.8"