## Vitallog **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 0 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.



The VitalLog Ecosystem



## Model: VL-UPS-US-7KW

## **Highlights**

- Safer, Longer Lasting LiFePO4 Batteries.
- 6000-8000 Cycles Before 80% Capacity.
- 7kWh Total Energy Storage
- 1400W 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.

Total Energy Storage7.168kWhMax Continuous Power1400W - 5 minutes (2000W) - 5 seconds (4000W)Input Voltage Range95-140 VACInput/Output Frequency50Hz/60Hz Auto SensingOutput Voltage120VAC ± 5%Output WaveformPure Sine WavePeak Efficiency (ECO mode)98%Peak Efficiency (Battery mode)90%Nominal Battery Voltage24VMaximum Battery Voltage32VTransfer Time (AC to Battery)OmsSimultaneous Charge & DischargeYes, Adjustable 10-60AMax AC Charging Current60ABattery TypeLithium Iron Phosphate (LiFePo4)Warranty7 yearsElectrical InformationU.S. & CanadaPlug TypeNEMA 5-15Grid ConnectionsU.S. & CanadaEnvironmental SpecificationsOC to 55°C / -15°C to 60°COperating/Storage Temp0°C to 55°C / -15°C to 60°COperating Humidity5% to 95% Relative (Non-Condensing)EnvironmentIndoorMechanical Specifications173 lbs	Technical Specifications Performance Specifications	
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Max Continuous Power       1400W - 5 minutes (2000W) - 5 seconds (4000W)         Input Voltage Range       95-140 VAC         Input/Output Frequency       50HZ/60HZ Auto Sensing         Output Voltage       120VAC ± 5%         Output Waveform       Pure Sine Wave         Peak Efficiency (ECO mode)       98%         Peak Efficiency (Battery mode)       90%         Nominal Battery Voltage       24V         Maximum Battery Voltage       32V         Transfer Time (AC to Battery)       Oms         Simultaneous Charge & Discharge       Yes, Adjustable 10-60A         Max AC Charging Current       60A         Battery Type       Lithium Iron Phosphate (LiFePo4)         Warranty       7 years         Electrical Information       U.S. & Canada         Environmental Specifications       U.S. & Canada         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       173 lbs         Shipping Weight       190 lbs	Model	VL-UPS-US-7KW
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Warranty       7 years         Electrical Information       Plug Type         Plug Type       NEMA 5-15         Grid Connections       U.S. & Canada         Environmental Specifications       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       173 lbs         Shipping Weight       190 lbs	Max AC Charging Current	60A
Electrical Information         Plug Type       NEMA 5-15         Grid Connections       U.S. & Canada         Environmental Specifications       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       173 lbs         Shipping Weight       190 lbs	Battery Type	Lithium Iron Phosphate (LiFePo4)
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Image: Second state       (Non-Condensing)         Environment       Indoor         Mechanical Specifications       Indoor         Unit Weight       173 lbs         Shipping Weight       190 lbs	Operating/Storage Temp	0°C to 55°C / -15°C to 60°C
Mechanical Specifications       Unit Weight       Shipping Weight	Operating Humidity	
Unit Weight173 lbsShipping Weight190 lbs	Environment	Indoor
Shipping Weight 190 lbs	Mechanical Specifications	
	Unit Weight	173 lbs
Dimensions (D x W x H) 22.56" x 15.44" x 20.44"	Shipping Weight	190 lbs
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