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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NumberPure Sine WaveOutput 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 Specifications0°C 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 SpecificationsUarrantyUnit Weight173 lbsShipping Weight190 lbs	Input/Output Frequency	50Hz/60Hz Auto Sensing
Peak Efficiency (ECO mode) 98% Peak Efficiency (Battery mode) 90% Nominal Battery Voltage 24V Maximum Battery Voltage 32V Transfer Time (AC to Battery) 0ms Simultaneous Charge & Discharge Yes, Adjustable 10-60A Max AC Charging Current 60A Battery Type Lithium Iron Phosphate (LiFePo4) Warranty 7 years Electrical Information VI.S. & Canada Plug Type NEMA 5-15 Grid Connections U.S. & Canada Environmental Specifications O°C to 55°C / -15°C to 60°C 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 Unt Weight Shipping Weight 190 lbs	Output Voltage	120VAC ± 5%
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Simultaneous Charge & Discharge Yes, Adjustable 10-60A Max AC Charging Current 60A Battery Type Lithium Iron Phosphate (LiFePo4) Warranty 7 years Electrical Information 7 years 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	Maximum Battery Voltage	32V
Max AC Charging Current 60A Battery Type Lithium Iron Phosphate (LiFePo4) Warranty 7 years Electrical Information 7 years 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	Transfer Time (AC to Battery)	Oms
Battery Type Lithium Iron Phosphate (LiFePo4) Warranty 7 years Electrical Information NEMA 5-15 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	Simultaneous Charge & Discharge	Yes, Adjustable 10-60A
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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Operating/Storage Temp0°C to 55°C / -15°C to 60°COperating Humidity5% to 95% Relative (Non-Condensing)EnvironmentIndoorMechanical Specifications173 lbsUnit Weight173 lbsShipping Weight190 lbs	Environmental Specifications	
Operating Humidity 5% to 95% Relative (Non-Condensing) Environment Indoor Mechanical Specifications 173 lbs Unit Weight 173 lbs Shipping Weight 190 lbs	Communication Port	UART/BT/RS485/CAN, RS232, USB
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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