

# Sine Wave Standby Power Supplies

LBUPS-300-L120

LINDSAY  
BROADBAND

Lindsay's LBUPS-300-L120 sine wave standby power supplies are designed to be the most reliable and efficient power solutions for their target applications. They offer high reliability which lowers costs and improves ROI.

## FEATURES

- Compact, lightweight & ideal uninterruptible power supply solution for outdoor cable & broadband powering applications
- Line-interactive technology provides a microprocessor regulated AC sine wave 300 VA maximum output
- Input power factor: > 0.90
- Integrated surge protection
- Input & output short circuit protection
- Field-selectable 63 or 89 VAC output voltage
- One single 12 V VRLA SMF battery configuration reduces cost of ownership & maintenance
- Provides seamless transition to standby power when the line verification system determines unacceptable utility power conditions
- Intelligent battery management system with programmable temperature compensation extends battery service life
- Programmable bulk, absorption & float mode 3-stage battery charging
- Programmable battery cut-off voltage down to 10.5 VDC
- > 90% efficient inverter design extends standby mode run-time
- Hot-swappable inverter module
- 3.2" (8.1 cm) color touch screen display provides intuitive user interface for power supply configuration set-up & operating status monitoring
- Monitoring parameters include: Input & output voltages & currents, battery voltage & current (either charge or discharge), enclosure ambient & battery temperatures & logs such as runtime & battery installation date, etc.
- Line, battery & alarm LEDs display operation status of the power supply at-a-glance
- Easily accessible front panel connections
- Anderson Powerpole® color-coded, faultproof (fit in ONE direction only) battery connectors
- Two sets of Anderson Powerpole® output connections



LBUPS-300-L120  
(front angled view)

## OPTIONAL ITEMS

### LPME Outdoor Enclosure

- Pole & wall mount installations
- Durable, powder coated aluminum
- Heavy-duty battery slide tray
- External breaker box
- Service receptable
- 1.0 GHz service power inserter with RF transponder interface & embedded surge protection
- Tamper switch
- Security lock



### DHT2 & DHT3 Series of DOCSIS® Transponders

- DOCSIS 2.0 or 3.0 transponder modules available
- Built-in spectrum analyzer
- ANSI/SCTE-38-4 compliant MIBs
- Remote monitoring by receiving SNMP traps or by Telnet access to the intuitive GUI
- Local & remote diagnostics
- Compatible with popular network management software
- Temperature-hardened
- FCC / IEEE / RoHS compliant





## SPECIFICATIONS

Parameter	Specification	
<b>Input</b>		
Input Voltage	120 VRMS $\pm$ 15%	
Input Line Frequency	60 Hz $\pm$ 3 Hz	
Power Factor	> 0.90	
<b>Output</b>		
Output Waveform	Sine wave	
Output Voltage	63/89 VRMS selectable	
Output Voltage Regulation	$\pm$ 5%	
Maximum Rated Output Current	5 A @ 63 VRMS, 3.3 A @ 89 VRMS	
Maximum Output Power	300 VA	
Short Circuit Current	150% of max. current rating	
Efficiency	Line Mode	$\geq$ 90%
	Standby Mode	$\geq$ 90%
Transfer Time	$\leq$ 4 ms	
<b>Battery &amp; Charger</b>		
Battery Type	VRLA SMF	
Battery Voltage	12 VDC	
Cut-Off Voltage	10.5 VDC (programmable)	
Charging Current	10 A max.	
Temperature Compensation	Programmable (0 to 5 mV/cell/°C)	
<b>Environmental &amp; Physical</b>		
Operating Temperature	-40°C to +55°C (-40°F to +131°F)	
Operating Humidity	0-95% non-condensing	
Front Panel Configuration/Status Display	3.2" (8.1 cm) color touch screen	
Input Interface	IEC 320/C20	
Output Interface	Anderson Powerpole® PP15-45 connectors	
Battery Connector Interface	Anderson Powerpole® PP75 connectors	
Finish	Black powder coating	
Dimensions (H x W x D)	8.3"H x 10.8"W x 12.0"D (21.0H x 27.3W x 30.6D cm)	
Weight	31.7 lb (14.4 kg)	

## ORDERING INFORMATION

Part #	Description
LBUPS-300-L120	Sine wave standby power supply with 300 VA output

**Authorized  
Distributor**

**C O N N E C T**

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