

## FEATURES

- Industry-proven, backup power solutions for cable systems in outdoor powering applications
- Available in 900 or 1350 VA
- Line-interactive ferroresonant technology
- Microprocessor controlled clean & regulated quasi-square wave output
- 3.2" (8.1 cm) color touch screen display provides user-friendly operation
- Intelligent battery management system with temperature compensation
- Excellent input & output short circuit protection
- Easily accessible front panel connections
- Hot-swappable inverter modules
- Field-selectable output voltage
- Optional DOCSIS® / EuroDOCSIS™ embedded status monitoring
- IEC 62368-1 certified, CE compliant



LBUPS-1350-L120  
(front angled view)

## NOMINAL SPECIFICATIONS

Part #	Specification						
	Input Voltage (VAC)	Input Frequency (Hz)	Output Voltage (VAC)	Output Current (A)	Output Power (max.) (VA)	Battery Voltage (VDC)	Run-Time (min.)
LBUPS-900-L120	120	60	63/89	15/10	900	36	220
LBUPS-900-SEL	120/220	60	63/89	15/10	900	36	220
LBUPS-900-L220	220	50	63/89	15/10	900	36	220
LBUPS-1350-L120	120	60	63/89	22/15	1350	36	140
LBUPS-1350-SEL	120/220	60	63/89	22/15	1350	36	140
LBUPS-1350-L220	220	50	63/89	22/15	1350	36	140

## OPTIONAL ACCESSORIES

### LPME Outdoor Enclosure

- Pole & wall mount installations
- Durable, powder coated aluminum
- Heavy-duty battery slide tray
- Optional external breaker box
- Generator access entry
- Security lock



### DHT3 DOCSIS® Transponder

- DOCSIS / EuroDOCSIS™ 3.0
- Integrated web server for status monitoring
- Local diagnostics
- Temperature-hardened
- Spectrum analyzer inside
- FCC / IEEE / RoHS compliant





## GENERAL SPECIFICATIONS

Parameter	Specification	
<b>Input</b>		
Voltage Range	-20% to 15%	
Power Factor	> 0.90 at full load	
<b>Output</b>		
Voltage Regulation	5%	
Waveform	Quasi-square	
Frequency Stability	Inverter Mode	± 0.05%
	Normal Mode	± 1%
Short Circuit Current	150% of max. current rating	
Efficiency	≥ 90%	
Transfer Characteristic	4 ms	
<b>Battery &amp; Charger</b>		
Battery Type	Sealed, maintenance-free VRLA or LiFePO4	
Charger Current	10 A at 80% load & nominal input	
Charging Time	8 hours typical to 90% capacity	
<b>Environmental &amp; Physical</b>		
Operating Temperature	-40°C to +60°C (-40°F to +140°F)	
Operating Humidity	0-95% non-condensing	
Status Display	Color touch screen display	
Input Interface	IEC320/C20	
Output Interface	5/8" x24 coaxial & Anderson connectors	
Finish	Black powder coating	
Dimensions (H x W x D)	8.3"H x 14.5"W x 11.7"D (21.0H x 36.8W x 29.8D cm)	
Weight	900 VA Model	64.0 lb (29.1 kg)
	1350 VA Model	73.0 lb (33.1 kg)

## ORDERING INFORMATION

Part #	Description
LBUPS-900-L120	900 VA quasi-square wave standby power supply with 120 VAC 60 Hz input, 63/89 VAC output, 36 VDC inverter
LBUPS-900-SEL	900 VA quasi-square wave standby power supply with 120/220 VAC 60 Hz input, 63/89 VAC output, 36 VDC inverter
LBUPS-900-L220	900 VA quasi-square wave standby power supply with 220 VAC 50 Hz input, 63/89 VAC output, 36 VDC inverter
LBUPS-1350-L120	1350 VA quasi-square wave standby power supply with 120 VAC 60 Hz input, 63/89 VAC output, 36 VDC inverter
LBUPS-1350-SEL	1350 VA quasi-square wave standby power supply with 120/220 VAC 60 Hz input, 63/89 VAC output, 36 VDC inverter
LBUPS-1350-L220	1350 VA quasi-square wave standby power supply with 220 VAC 50 Hz input, 63/89 VAC output, 36 VDC inverter
<b>Optional Accessories</b>	
LPME-3	Pole/wall mount outdoor enclosure with 3x 12 V, 2x 18 V or 1x 36 V battery, 1 slide battery tray with EBB (External Breaker Box), SR-E1 service receptacle & tamper switch
LPME-6	Pole/wall Mount outdoor enclosure with 6x 12 V, 4x 18 V or 2x 36 V battery, 2 slide battery trays with EBB (External Breaker Box), SR-E1 service receptacle & tamper switch
LPME-9	Pole/wall mount outdoor enclosure with 9x 12 V, 6x 18 V or 3x 36 V battery, 3 slide battery trays with EBB (External Breaker Box), SR-E1 service receptacle & tamper switch
DHT3-120-60-L	DOCSIS 3.0 transponder for 120 VAC, 60 Hz input, 5-42 MHz return (with battery monitoring harness)
DHT3-120-60-L-NBH	DOCSIS 3.0 transponder for 120 VAC, 60 Hz input, 5-42 MHz return (without battery monitoring harness)
DHT3-240-50-E	EuroDOCSIS 3.0 transponder for 240 VAC, 50 Hz input, 5-65 MHz return (with battery monitoring harness)
DHT3-240-50-E-NBH	EuroDOCSIS 3.0 transponder for 240 VAC, 50 Hz input, 5-65 MHz return (without battery monitoring harness)
DHT3-240-50-L	DOCSIS 3.0 transponder for 220 VAC, 50 Hz input, 5-42 MHz return (with battery monitoring harness)
DHT3-240-50-L-NBH	DOCSIS 3.0 transponder for 220 VAC, 50 Hz input, 5-42 MHz return (without battery monitoring harness)
DHT3M-120-60-L	DOCSIS 3.0 transponder for 120 VAC, 60 Hz input, 5-85 MHz return (with battery monitoring harness)
DHT3M-120-60-L-NBH	DOCSIS 3.0 transponder for 120 VAC, 60 Hz input, 5-85 MHz return (without battery monitoring harness)