

# LBS7 US-SERIES



## 10-30 kVA UPS ONLINE

### Double Conversion

The LBS7 US series UPS applies advanced technology that increases performance and reliability: two high-speed DSPs with full digital control to ensure high power supply quality, high input power factor and distortion of low inrush current.

94%  
Efficiency



3:3  
PHASE

DETAILS

### APPLICATIONS



FINANCE



TELECOMMUNICATION



ENERGY



MEDICAL



GOVERNMENT



- HIGH EFFICIENCY UP TO 94%
- POWER FACTOR  $> 0.99$ ;
- INPUT CURRENT THDi  $< 4\%$
- MULTIPLE PROTECTION AND AGAINST OVERHEATING WITH 8 SENSORS
- FOUR SWITCHES THAT PROVIDE PROTECTION WHEN A FAULT HAPPENS
- COLD START OF THE BATTERY
- INTELLIGENT CHARGING THAT EXTENDS THE LIFE OF THE BATTERY
- UP TO 8 UNITS CAN BE PACKED
- FRIENDLY OPERATION INTERFACE WITH HIGH RESOLUTION LCD DISPLAY.

## TECHNICAL SPECIFICATIONS

Models	LBS7 US 10 KVA	LBS7 US 20 KVA	LBS7 US 30 KVA
<b>INPUT</b>			
<b>VOLTAGE (VAC)</b>	187-261Vac (line-line), full load; 187-125Vac (line-line), linearly reduced load		166-261Vac (line-line), full load; 166-125Vac (line-line), linearly reduced load
<b>FREQUENCY(Hz)</b>	40Hz-70Hz		
<b>POWER FACTOR</b>	>0.99		
<b>THDI</b>	<5% (lineal load)	<4% (lineal load)	
<b>PHASE</b>	3 Fase + Neutral + Tierra, 208V/220V (linea-linea)		
<b>OUTPUT</b>			
<b>CAPACITY(kVA)</b>	10 kVA	20 kVA	30 kVa
<b>POWER FACTOR</b>	1	0.9	
<b>VOLTAGE (VAC)</b>	208V/220V(line-line)		
<b>FREQUENCY (Hz)</b>	50/60Hz		
<b>PHASE</b>	3 Phase + Neutral + Ground, 208V/220V (line-line)		
<b>THREE PHASE VOLTAGE STABILIZATION AT FULL LOAD</b>	≤2%		
<b>WAVE FORM</b>	Onda sinusoidal pura THD<1% lineal		
<b>EFFICIENCY</b>	93%	94%	
<b>OVERLOAD</b>	110% for 10 min; 125% for 1 min; 150% for 30 s; >150% for 200ms	110% for 60 min; 125% for 10 min; 150% for 1 min; >150% for 200ms	
<b>BATTERY</b>			
<b>BATTERY VOLTAGE</b>	±120VDC		
<b>VOLTAGE PRECISION</b>	1%	1%	
<b>CHARGE POWER</b>	20%*System Power		
<b>OTHERS</b>			
<b>COMUNICATION INTERFACE</b>	Standard: RS232, RS485, Dual input kit; Option: SNMP, Dry contacts, Parallel kit, Battery cold start		
<b>INTERFACE</b>	LCD + LED + Keyboard		
<b>ALARM</b>	Abnormal AC input, low battery, overload, fault		
<b>PROTECTION</b>	short circuit output, overload, over temperature, low voltage battery, over / under voltage output		
<b>NOISE</b>	58dB @ 100% load 52dB @ 45% load (1 meter distance)	70dB @ 100% load, 62dB @ 45% load (1 meter distance)	
<b>WORKING TEMPERATURE</b>	0-40°C		
<b>RELATIVE HUMIDITY</b>	0-95% (non-condensing)		
<b>DIMENSIONS (WxDxH) (mm)</b>	250*840*715 / 250*660*530	250*660*530 / 250*950*770	500*840*1400/ 250*950*770
<b>WEIGHT (KG)</b>	51.5/31	140/64	

# **CONTACT**



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