

Low Voltage UPS

LBS-US Series (6-10kVA)

- »Computer room
- »Data center
- »Point-of-sale
- »Router
- »Hub and other network device
- »Commercial facility
- »Precision instrument

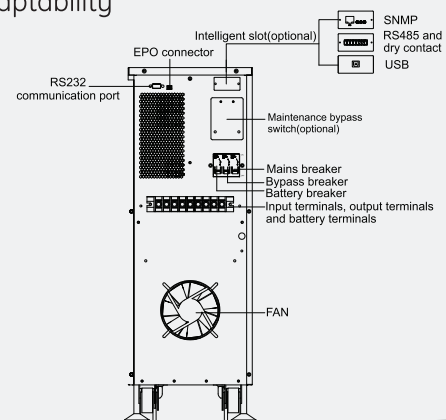
High Performance:

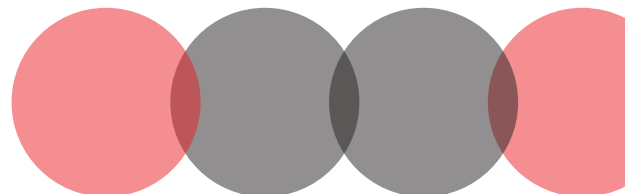
- Input power factor up to 0.996, low THDi (< 5%), decrease the pollution to utility power.
- AC/AC efficiency up to 91% energy saving and low CO₂ emission.
- Wide input voltage range allows the UPS to work in harsh electrical environments
- Visualized LCD display providing comprehensive information including working status, operation data, etc.

Excellent Flexibility:

- Output voltage is selectable via LCD
- 1~8A charging current settable via software
- Batteries total quantity settable (16/17/18/19/20 for 6-10kVA)
- Maintenance bypass for 6-10KVA (optional)
- Battery disconnection alarm (optional)
- SNMP or RS485+dry contact (optional)
- Charging voltage temperature compensation (optional)

- Minimum 0.16m² footprint, more units are available for delivery and installation
- Output voltage 120/208/220/230/240 Vac, suitable different application
- Optional external battery pack for the standard model to improve system availability
- Full galvanic isolation for safer operation and stronger load adaptability





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Speciification:

MODEL	LBS-US06	LBS-US10
INPUT		
Voltage (Vac)	80~275	
Frequency (Hz)	50/60±10% (50/60Hz auto-sensing)	
Power Factor	≥0.99	
THDi	<5%	
Phase	2-phase in/2-phase out	
OUTPUT		
Capacity (kVA)	6	10
Power Factor	0.9	
Voltage (Vac)	120/208/220/230/240±1% (settable on display panel and output wiring line)	
Frequency (Hz)	50/60±0.2% (battery mode)	
THDv	THD<1% (linear load), THD<4% (nonlinear load)	
Transfer Time (ms)	0	
Max. Efficiency	91%	
Crest Factor	3:1	
Overload	105%<Load≤130%:10mins,130%<Load≤150%: 30s,>150%: 0.5s.	
BATTERY		
Battery Voltage (Vdc)	192 (192~240V settable)	
Battery Type	16×7Ah12V/External	16×9Ah12V/External
Charging Current (A)	1~8 settable	
OTHER		
Communication Interface	RS232, EPO (SNMP, USB, RS485+dry contact are optional in slot)	
LCD Display	AC input & output voltage, frequency, load level, battery level, temperature; AC mode, battery mode, bypass mode, and fault	
Alarm	Low battery, abnormal AC input, UPS failure, etc.	
Protection	Low battery, overload, short-circuit and over temperature, etc.	
Noise (dB)	<55	
Working Temperature ()	-5~40	
Relative Humidity	0~95%, no condensation	
Dimension (W×D×H) (mm)	250×660×720	
Weight (Kg)	104/68	128/88