

Liebert PB + UPS (5kVA)

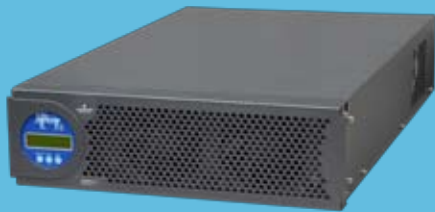


Applicable loads

Server, storage device, network equipment, VOIP, communication equipment, automation equipment, precision instrument and medical diagnosis equipment

Applications

Small IDC room, network room, business operating room, lab and instrument room



Product Features

- ☑ Up to 0.9 Power, matching the characteristics of newest server
- ☑ Super high Power density, only 3U height for 4.5kW
- ☑ Auto transfer facility
- ☑ DSP based true online system
- ☑ Compatible with Engine Generator

Mini Online UPS - Liebert PB+ 5kVA

- **Reliability**
 - Double conversion online design
 - DSP full-digital control with high output precision
 - Can withstand fluctuation of input mains voltage
- **Flexibility**
 - Can be settable for 12Ah to 100Ah battery
- **Energy Efficiency & Low TCO**
 - Good energy saving performance
 - Input power factor is greater than 0.99
 - High system efficiency. Energy-saving and low operation cost
 - High power density realizes smaller footprint of rack
- **High Serviceability**
 - Main machine is separate from battery
 - LCD Display to provide each kind of status/fault information
- **Real Time Monitoring**
 - SNMP card to acquire UPS data and events
- **Better battery life**
 - Extra wide input voltage/frequency reduces discharging time
 - Extra strong charging capability
 - Main Machine is separate from battery, which is good for battery heat.

Technical Specifications

Model	PB+ 5kVA
OUTPUT PARAMETERS	
Capacity	5 kVA / 4.5 KW
Power Factor	0.9
Configuration	1 phase, L-N + PE
Nominal Voltage	230 Vac
Voltage Regulation	+/- 2%
Voltage THD	<=3% - Linear load <=5% Non linear load
Frequency	50 Hz
Frequency Regulation - Free Run (Unsynchronised with bypass)	+/- 0.5%
Frequency Regulation (synchronised with bypass)	47 Hz - 53 Hz
Crest Factor	3:1
Over load capacity	105 - 130% for 10 min. 130 - 150% for 10 sec. 150% for <100m sec.
AC-AC Efficiency	90%
INPUT PARAMETERS	
Configuration	1 phase, L-N + PE
Nominal Voltage	230 Vac
Voltage Range	- 30% to + 20% (161V to 276V)
Frequency	+ / - 10%
Power Factor	>0.99
Current Distortion (I-THD)	<10%
BATTERY CHARGER	
Nominal Voltage - Float	270V
Maximum charging current	10A
BATTERY PARAMETERS	
Type	SMF / VRLA, LATB
No. of battery blocks	20 nos of SMF; 19 nos of LATB
Battery Capacity	240 VDC
ENVIRONMENTAL PARAMETERS	
Operating temperature	0 to 40 deg. centigrade
Storage temperature	- 40 to 70 deg. centigrade
Relative Humidity	95% RH
Altitude	1000 meters
Noise level	<65db
MECHANICAL PARAMETERS	
Height X Width X Depth (mm)	3U X 450 X 697
Weight	30 kg max
Colour / Panel finish	Dark structured grey
Protection	IP20
MONITORING SOFTWARE	
Display	LCD (16 x 2)

While every precaution has been taken to ensure accuracy and completeness in this brochure, Emerson Network Power assumes no responsibility, and disclaims all liability for damages resulting from use of this information or for any errors or omissions.

For disposal of Batteries Please visit the below link:
<http://www.cpcb.nic.in/divisionsofheadoffice/hwmd/lead.pdf>

- Note:** 1) Specifications & Features may vary based on the condition.
2) ITHD, I/P PF, AC-AC efficiency - above mentioned parameters are at nominal I/P, O/P & Rated O/P load
3) Ibat max limit = 10A for AC I/P range from 207 Vac to 276 Vac.
4) Engine Generator capacity shall be min 15 kVA

Emerson Network power and the Emerson Network Power logo are trademarks and service marks of Emerson Electric Co.
© 2009 Emerson Electric Co.

QS - BR - PRD - 1 - 20 - 00
07 / 11

Country Office

Emerson Network Power (India) Private Ltd.
Plot No. C-20, Road No. 19, Wagle Estate,
Thane (W), Maharashtra - 400 604. India.

Tel.: 91-22-33154400

Fax: 91-22-25828358

Toll Free No 18002096070

Email: marketing.india@emerson.com



Voice of Customers UPS Awards 2004-05 for Product Line & Customer Service Awards in IT, Telecom, Large Enterprise & Hospitals and Customer Service Leadership Award in BFSI



Best IT Hardware Company
Maharashtra IT Award 2006-07



Emerson Among Top 50
On Fortune Survey Of
"Worlds Most Admired"
Companies.



www.emersonnetworkpower.com

Emerson Network Power.

The global leader in enabling business-critical continuity.

- AC Power
- Connectivity
- DC Power
- Embedded Computing
- Embedded Power
- Monitoring
- Outside Plant
- Power Switching & Controls
- Precision Cooling
- Racks & Integrated Cabinets
- Services
- Surge Protection