

## Liebert ITON Series

The Vertiv-Emerson Liebert ITON Series is an economical line-interactive UPS And Full power protection computers and Electronic equipment's.



### Features

- Smart RS232/USB interface for power management
- Excellent microprocessor control guarantees high reliability
- AVR boost and voltage stabilization
- Auto restart while AC is recovering
- Simulated sine wave
- Auto charging at Off-mode
- Cold start function
- Generator compatible

### Benefits

- I. AVR features gives higher application availability by correcting high and low voltage without using valuable battery power
- II. Shutdown software provides graceful and unattended system shutdown for PC and workstations in the event of an extended power outages to ensure data integrity.

### The Liebert itON For Suitable Application

1. Desktop PCs
2. Professional Workstations
3. Small Routers, Bridges, and Hubs

### Nishant Power Solutions Pvt. Ltd.

5-54 4B, High Street Corporate Centre,  
Kapurbawadi , Thane (W) MS India 400601  
Tel : +91 22 25404025 / Cell 9820843000

Email : [sales@upsbatteries.co.in](mailto:sales@upsbatteries.co.in) Visit at : [www.upsbatteries.co.in](http://www.upsbatteries.co.in)

## Technical Specifications

### STANDARD BACKUP WITH INBUILT BATTERY

MODEL	SPECIFICATION	CX 600 VA	CX 1000 VA	CX 1500 VA	CX 2000 VA
CAPACITY	VA/W	600 VA/360Watt.	1000 VA/600 Watt.	1500 VA/900 Watt.	2000 VA/1200Watt.
	Voltage	220/230 VAC			
INPUT	Voltage Range	140-300 VAC			
	Frequency Range	50 Hz			
	AC Voltage Regulation (Batt. Mode)	±10%			
	Frequency Range (Batt. Mode)	50 Hz ±1 Hz			
	Transfer Time	Typical 2-6 ms			
OUTPUT	Waveform (Batt. Mode)	Simulated Sine Wave			
	Overload	110% +/-10% Shutdown after 5 mins			
	Battery Type & Number	12 V/7 Ah x 1	12 V/7 Ah x 2	12 V/ 9 Ah x 2	12 V/ 9 Ah x 2
	Floating Charge Voltage	6-8 hours up to 90% capacity			
TRANSFER TIME	Minimum line break for transfer to battery	Typical 4-8 msec			
	AC Mode	Green lighting			
INDICATORS	Battery Mode	Green flashing			
	Fault	Red lighting			
ALARMS		Battery Mode, Low Battery, Overload, Battery replacement ,fault			
PROTECTION		Full Protection			
PHYSICAL	Dimension, D X W X H (mm)	279 X 101 X 142	369 X 141 X 160	369 X 141 X 160	369 X 141 X 160
	Net Weight (kgs)	4.2	10	11.1	11.5
	Operating Environment	0-40 Deg C.			
	Storage Temp	-15°C to 50°C			
ENVIRONMENT	Humidity	0-95 % RH @ 0- 40°C (non-condensing)			
	Noise Level	Less than 40dB			

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## Technical Specifications

### LONG BACKUP WITH INBUILT BATTERY

MODEL	SPECIFICATION	LB 1000 VA	LB 1000 VA	LB 1000 VA	LB 1000 VA
CAPACITY	VA/W	Liebert ITON LB 1000 VA with 20A inbuilt charger	Liebert ITON ILB 1000 VA with 1 X 26 AH inbuilt battery	Liebert ITON ILB 1000 VA with 1 X 42 AH inbuilt battery	Liebert ITON ILB 1000 VA with 1 X 65 AH inbuilt battery
	Voltage	220/230 VAC			
INPUT	Voltage Range	140-300 VAC			
	Frequency Range	50 Hz			
	AC Voltage Regulation (Batt. Mode)	±10%			
	Frequency Range (Batt. Mode)	50 Hz ±1 Hz			
	Transfer Time	Typical 2-6 ms			
OUTPUT	Waveform (Batt. Mode)	Simulated Sine Wave			
	Overload	110% +/-10% Shutdown after 5 mins			
	Battery Type & Number	without Battery	13 V/26 Ah x 2	12 V / 42 Ah x 2	13 V / 65 Ah x 2
	Floating Charge Voltage	6-8 hours up to 90% capacity			
TRANSFER TIME	Minimum line break for transfer to battery	Typical 4-8 msec			
	AC Mode	Green lighting			
INDICATORS	Battery Mode	Green flashing			
	Fault	Red lighting			
ALARMS		Battery Mode, Low Battery, Overload, Battery replacement ,fault			
PROTECTION		Full Protection			
PHYSICAL	Dimension, D X W X H (mm)	369 x 141 x 160	370 X 192 X 160	369 X 210 X 160	415 X 350 X 160
	Net Weight (kgs)	11	18.5	25	32.5
	Operating Environment	0-40 Deg C.			
	Storage Temp	-15°C to 50°C			
ENVIRONMENT	Humidity	0-95 % RH @ 0- 40°C (non-condensing)			
	Noise Level	Less than 40dB			



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