



Liebert® ITON™

1000VA BX



A reliable power protection and backup solution for your PC

The Liebert® ITON™ 1000VA BX is an economical line-interactive UPS that offers full-featured power protection for home or small office computers and electronic equipment. With its unique features and extraordinary performance not normally found in similar products in range.

Features

- Charger works even if the input switch is in OFF position, whatever input voltage threshold may be.
- Protection against Overvoltage.
- Current limit and constant voltage charger.
- Charger ON-OFF controlled by CPU.
- Cold start : The unit can start on Battery.
- Battery deep discharge protection.
- Built in RS 232/ Communication Port



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Technical Specifications

Model	Specification	1000VA BX
Capacity	VA/W	1000 / 600 W
	Voltage Range	140-300 VAC
Input	Frequency	50Hz
	Nominal RMS current	4.3 AMP
	Voltage	230 V AC
Output	Buck	Input x 0.875
	Regulation (on mains mode)	+/- 10%
	Regulation (on battery mode)	+/- 1%
	Frequency	50 Hz
	Frequency Regulation	1%
	Output wave form	Simulated Sine wave
	Overload	110% + 20% / - 10% ; shut down after 5 min
		120% + 20% / - 10% ; shut down immediately
	Overload on Battery mode	120% + 20% / - 10% ; shut down immediately
	On line mode	> 94%
Efficiency	Boost / Buck mode	>88%
	Battery mode (SPS Load)	75%
Battery	Battery type	12V / 7AH x 2 in series (Internally) 12V / 7AH x 2 in parallel (External Provision)
	Backup time Chart	
		Load : 1 PC + 15' CRT monitor typical 120 Watt.
		120W load IT load : 30min
Charger	Charger voltage	27.4 + / - 0.5 V @ normal load
	Charger current	1.2 Amp @ normal load
	Recharge time	4 – 6 Hrs typical
Transfer Time	"Minimum line break without transfer to Battery mode"	Typical 4-8 msec
	"Minimum outage of mains for transfer to Battery"	4 msec typical
Indicator	AC Mode	Green
	Backup	Yellow Flash
	Fault	Red
Alarm	Battery mode	Sounding every 10 sec
	Low Battery	Sounding every sec
	Overload	Sounding every 0.5 sec
	Battery Replacement	Sounding every 2 sec
	Fault	Continuously sounding
Physical	Dimensions (W X H X D)	369 x 141 x 160
	Weight (Kgs)	14
Environment	Operating temperature / RH	0-40°C
	Humidity	0 to 90 % non condensing
	Storage temperature	-20° to 50°C
	Audible noise	40 dBA max

* Product specifications are subject to change without further notice

*Battery run time may vary depending upon load.



Vertiv.com/en-in | E-mail : marketing.india@vertiv.com | Toll free : 1-800-2096070

Vertiv Energy Private Limited | Plot C-20, Rd No.19, Wagle Ind Estate, Thane (W), 400604. India

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