



# Liebert™ ITON

600VA - 2000VA



## Best in class power protection and back up technologies for Offices and Home

The Liebert ITON Series 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.



MODEL	SPECIFICATION	EXi 600 VA	LXi 600 VA	CX 600 VA	1000 VA LB
<b>CAPACITY</b>	VA/W	600 VA/360 Watt.	600 VA/360 Watt.	600 VA/360 Watt.	1000 VA/600 Watt.
<b>INPUT</b>	Voltage	220/230 VAC			
	Voltage Range	140-300 VAC			
	Frequency Range	50 Hz			
<b>OUTPUT</b>	AC Voltage Regulation (Batt. Mode)	±10%			
	Frequency Range (Batt. Mode)	50 Hz ±1 Hz			
	Transfer Time	Typical 2-6 ms			
	Waveform (Batt. Mode)	Simulated Sine Wave			
	Overload	110% +/-10% Shutdown after 5 mins			
<b>BATTERY</b>	Battery Type & Number	12 V/9Ah x 1	12 V/7 Ah x 2	12 V/7 Ah x 1	12VDC
	Floating Charge Voltage	13.7 VDC ± 2%			
	Overcharge Protection	14.5VDC ± 2%			
	Maximum Charge Current	20 A			
	Typical Recharge Time	6-8 hours up to 90% capacity			
<b>TRANSFER TIME</b>	Minimum line break for transfer to battery	Typical 4-8 msec			
<b>INDICATORS</b>	AC Mode	Green lighting			
	Battery Mode	Green flashing			
	Fault	Red lighting			
<b>ALARMS</b>	"Battery Mode,Low Battery, Overload,Battery replacement,fault"	Audiable alarm is provided			
<b>PROTECTION</b>	Full Protection	Overload, discharge, and overcharge protection			
<b>PHYSICAL</b>	Dimension, D X W X H (mm)	282 x 101 x 142	353 X 150 x 162	279 X 101 X142	350 x 146 x 160
<b>ENVIRONMENT</b>	Net Weight (kgs)	4.7	7.8	4.2	9.0
	Operating Environment	0-40 Deg C.			
	Storage Temp	-15°C to 50°C			
	Humidity	0-95 % RH @ 0- 40°C (non-condensing)			
	Noise Level	Less than 40dB			

\* Product specifications are subject to change without further notice

\*Battery run time may vary depending upon load.

# Liebert ITON Series

## 1000 VA - 2000 VA



### Features and Benefits

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



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

\* Product specifications are subject to change without further notice

\*Battery run time may vary depending upon load.



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