

# iDC FlexiPower Line-interactive Econ Tower 850-2200VA

An economical with high efficiency line-interactive tower UPS



Our iDC FlexiPower Line-interactive Econ UPS with built-in auto voltage regulator aiming to provide a more stable power in line mode. It includes 5V/2A USB charger, Segment LCD and USB HID which are ideal for home and office applications such as personal computers, routers, printer and other devices.

## Key Features

- Built-in voltage regulator for reliable power quality
- 1 min backup capability with full load
- Super fast charger shortens the charging time to 2-4 hours
- Tiny-load sensing technology prevents the battery from deep discharge problem while connecting to tiny load
- HID-UPS-Battery-Supported USB interface enables integration with built-in power management and auto shutdown features of windows and Mac OS and Linux
- USB charger for tablet and smartphone backup power



Think it.  
Plan it.  
Own it.

# Technical Specification

Model	FP-LTE-850	FP-LTE-1600	FP-LTE-2200
Power Rating	850VA/480W	1600VA/960W	2200VA/1200W
<b>Input Performance</b>			
Voltage range	162-290VAC		
Frequency range	45~55Hz/55~65Hz		
Input wiring	Single phase with ground		
Input Connection	IEC C14		
<b>Output Performance</b>			
Output power factor	0.56	0.6	0.55
Nominal output voltage	220/230/240 VAC		
Voltage regulation (Line mode)	± 15%		
Voltage regulation (Battery mode)	± 10%		
Frequency range (Battery mode)	50/60Hz ± 1Hz		
Output waveform	Modified sine wave		
<b>Output Connection</b>			
Wiring/socket	6 x IEC C13		
<b>Efficiency</b>			
Line mode	95%		
AVR mode	88%		
Battery mode	60%		
<b>Battery</b>			
Battery type	12V/9Ah	12V/9Ah	12V/9Ah
Number of internal battery	1	2	2
Rated battery voltage	12VDC	24VDC	24VDC
Backup time (@ typical PC load)	22 min	50 min	50 min
Recharge time (to 90%)	2-4 hours		
Charging Current	1A		
<b>USB charger</b>			
Max Charger Current	2A		
<b>Transfer Time</b>			
Battery mode ↔ Line mode	2-6 ms	4-8 ms	4-8 ms
<b>Display</b>			
LCD			
<b>Audible Alarm</b>			
Yes			
<b>Dimension</b>			
W*H*D (mm)	100*143*290	139*195*364	139*195*364
<b>Net Weight</b>			
	5.2kg	10.7kg	11.0kg
<b>Environment</b>			
Operating temperature	0~40°C		
Noise level	<40dB	<45dB	<45dB



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