

# FORMULA 800IT

## 800VA

**LINE INTERACTIVE UPS**  
- Single Phase

### Features

- Compact Size, Light Weight Design
- Economic and Ergonomic
- Excellent Microprocessor Control Guarantees High Reliability
- Built in Boost and Buck Automatic Voltage Regulation (AVR) where adjusts the UPS output in response to main power fluctuations
- Equipped with (4) IEC Power Connections
- Ability to switch on the UPS without main power supply (Cold Start Function)
- Off-mode Charging
- Auto Restart While AC is Recovering
- Overload, Discharge and Overcharge Protection
- User Replaceable Batteries
- Ideal Protection for home offices, professional kiosks, and securities include PC and peripherals, routers, switches, ATMs and phone systems etc.



### Formula 800IT Series Front and Rear Panels

1. AC Input
2. (4) IEC 320 C13
3. Power Button



**CE RoHS**

# FORMULA 800IT

## Technical Specification

MODEL		FORMULA 800IT
Capacity		800VA
Phase		Single Phase, 2 Wires + Earth
<b>INPUT</b>		
Voltage Range		220 / 230 / 240VAC
Frequency Range		50 / 60Hz (Auto Sense)
Input Connectios		Fixed Power Cord with BS 1363A Plug
<b>OUTPUT</b>		
Output Voltage		230VAC
AC Voltage Regulation (Batt. Mode)		± 10%
Frequency Range (Batt. Mode)		50 / 60 Hz ± 1%
Output Connections		(4) IEC 320 C13
<b>TOPOLOGY</b>		
Transfer Time		Typical 4ms
Waveform (Batt. Mode)		Simulated Sinewave
<b>SYSTEM</b>		
Display		LED
Audible Alarm	AC Mode	LED Lighting - No Beeping
	Battery Mode	LED Flash Every 30 Seconds - Beeping Every 30 Seconds
	Low Battery	LED Flash Every 2 Seconds - Beeping Every 2 Seconds
	Overload Mode	LED Flash Every 0.5 Seconds - Beeping Every 0.5 Seconds
	Fault Mode	LED Off - Continuous Beeping
<b>PROTECTION</b>		
Full Protection		Overload, Discharge and Overcharge Protection
<b>BATTERIES</b>		
Battery Capacity		12V 7AH x 1
Autonomy		20 - 35 Minutes (Depending on the Equipment Loads)
Typical Recharge Time		8 hours recover to 90% capacity
<b>STANDARDS / APPROVALS</b>		
Compliances		CE, RoHS
IP Rating		IP 20
<b>ENVIRONMENT</b>		
Operation Temperature		0°C -40°C
Relative Humidity		0% - 90% (non-condensing)
Acoustic Level at 1m		≤ 40 dB
<b>PHYSICAL PROPERTIES</b>		
Dimensions (W x D x H) mm		96 x 286 x 138
Net Weight (kg)		4.3
<b>WARRANTY &amp; SUPPORT</b>		
Product Warranty		3 Years Full Warranty For Parts and Labour. 2 Years For Batteries.

- Changes to the specification contained in this document, and to prices are reserved; so are errors and omissions. Only order confirmations and technical documentation by KOSS UPS is binding.
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