

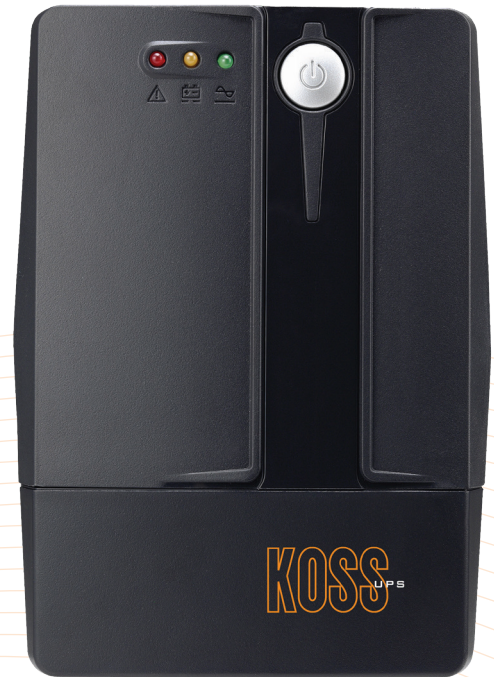
FORMULA 800

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
- 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 800 Series Front and Rear Panels

1. AC Input
2. BS 1363A
3. LED Indicators
4. Power Button



FORMULA 800

Technical Specification

MODEL		FORMULA 800
Capacity	800VA	
INPUT		
Phase	Single Phase, 2 Wires + Earth	
Voltage Range	162 - 290 VAC	
Frequency Range	50 / 60Hz (Auto Sense)	
Input Connectios	Fixed input cord with BS 1363 Plug	
OUTPUT		
Output Voltage	230 VAC	
AC Voltage Regulation (Batt. Mode)	± 10%	
Frequency Range (Batt. Mode)	50 / 60 Hz ± 1 Hz	
Output Connections	(3) BS 1363A	
TOPOLOGY		
Transfer Time	Typical 2 - 6ms	
Waveform (Batt. Mode)	Simulated Sinewave	
SYSTEM		
Indicator Display	LED	
Audible Alarm	AC Mode	Green Light - No Sound
	Battery Mode	Yellow Light - Sounding Every 10 Seconds
	Low Battery	Yellow Light - Sounding Every Second
	Overload Mode	Yellow Light - Sounding Every 0.5 Seconds
	Fault Mode	Red Light - Continuously Sounding
PROTECTION		
Full Protection	Overload, Discharge and Overcharge Protection	
BATTERIES		
Battery Capacity	12V 7AH x 1	
Autonomy	20 - 30 Minutes (Depending on the Equipment Loads)	
Typical Recharge Time	4 - 6 hours recover to 90% capacity	
STANDARDS / APPROVALS		
Compliances	CE	
IP Rating	IP 20	
ENVIRONMENT		
Operation Temperature	0°C -40°C	
Relative Humidity	0 - 90% (non-condensing)	
Acoustic Level at 1m	≤ 40 dB	
PHYSICAL PROPERTIES		
Dimensions (W x D x H) mm	101 x 300 x 142	
Net Weight (kg)	4.5	

- 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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