

FORMULA 800VA

800VA

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, profesional kiosks, and securities include PC and peripherals, routers, switches, ATMs and phone systems etc.



LINE INTERACTIVE UPS
- Single Phase

Formula 800VA Series Front and Rear Panels

1. AC Input
2. (3) BS 1363A
3. Power Button



FORMULA 800VA

Technical Specification

MODEL		FORMULA 800VA
Phase		Single Phase, 2 Wires + Earth
Capacity		800VA
INPUT		
Nominal Voltage		220 / 230 / 240VAC
Voltage Range		140VAC - 300VAC
Frequency Range		50 / 60Hz (Auto Sense)
Input Connections		Fixed Power Cord with BS 1363A Plug
OUTPUT		
Output Voltage		230VAC
AC Voltage Regulation (Battery Mode)		± 10%
Frequency Range (Battery Mode)		50 / 60 Hz ± 1%
Output Connections		(3) BS 1363A
TOPOLOGY		
Transfer Time		Typical 2ms to 6ms
Waveform (Battery Mode)		Simulated Sinewave
SYSTEM		
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
PROTECTION		
Surge Protected Outlets		Yes
Full Protection		Overload, Discharge and Overcharge Protection
BATTERIES		
Battery Capacity		12V 7AH x 1
Autonomy		20 - 35 Minutes (Depending on the Equipment Loads)
Typical Recharge Time		4 hours recover to 90% capacity
COMMUNICATIONS / MANAGEMENT		
Auto Recharge		Yes
Auto Restart		Yes
STANDARDS / APPROVALS		
Compliances		CE, SIRIM, RoHS
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		96 x 286 x 138
Net Weight (kg)		4.3
WARRANTY & SUPPORT		
Product Warranty		3 year warranty on UPS Parts and Labour. 2 year warranty on VRLA Rechargeable Batteries.

- Changes to the specification contained in this document, and to prices are reserved; so are errors and omissions.
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