

BORRI B100

TECHNICAL SPECIFICATIONS



SPECIFICATIONS	500VA	700VA	1kVA
CAPACITY			
Maximum Capacity	500VA/300W	700VA/420W	1000VA/600W
INPUT			
Input Voltage Range	220/230/240VAC (+25% / -30%)		
Input Frequency	44Hz - 56Hz		
OUTPUT			
Output Voltage	220/230/240VAC±10% (On Battery Mode)		
Output Voltage Regulation	± 10%		
Output Frequency	46-54Hz		
Output Frequency (Battery Mode)	50 ± 0.1 Hz		
Overload Capability	Delayed protection when the output is > 150% overload		
BATTERY			
Battery Type	Sealed lead-acid maintenance-free 12VDC/ 7Ah per cell		
Numbers of Batteries	1 cells	1 cells	2 cells
Backup Time (at Full Load)	3 minutes	2 minutes	3 minutes
Recharge Time to 90%	< 10 hours		
TRANSFER TIME			
AC to DC	< typical 6 ms		
INDICATION			
LCD	AC mode, Battery Mode, Output status, Battery Capacity, Overload, UPS Fault		
AUDIBLE ALARM			
Battery Mode	Long beeping		
Low Battery	Continuous beeping		
Overload	Short Beeping		
DEMENSIONS			
W x H x D (mm)	90 x 165 x 325	90 x 165 x 325	120 x 210 x 380
Weight			
Net Weight w/ Battery (kgs)	6.3	6.6	15
ENVIRONMENTAL			
Operating Temperature	-5 ~ +40° C		
Relative Humidity	< 90% (Non-Condensing)		
Audible Noise	<45dBA @ 1 Meter	<50dBA @ 1 Meter	<55dBA @ 1 Meter

The data and text contained within this brochure are for general information only and can not be deemed as definitive, specifications can change without notice.



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500VA - 1kVA

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With its sleek case and hi-tech fascia the Borri B100 Series is a reliable, cost-effective UPS. Looking equally at home in the office or domestic environment the B100 is ideal for applications requiring basic, no nonsense, economical power protection.

Power Ratings

Three power ratings are available, 500VA, 700VA and 1kVA with innovative mobile phone style LCD display. Each unit's display will keep you quickly updated on mains and battery status, ensuring continuous protection of your equipment and data.

Protection

With a wide-ranging input voltage (rated voltage +25% /-30%) the Automatic Voltage Regulation (AVR) function of the B100 Series ensures regulated power to your equipment even under poor supply conditions.

B100 also protects your modem and phone line via a filtered socket, eliminating one of the most common causes of hardware failure. Also included is a peripheral protection socket offering mains filtering to protect valuable non-essential equipment.

Under mains failure the B100 provides computer grade power and can start a controlled shutdown of your software and connected hardware if the supplied software is configured on your equipment, completely protecting your data and working documents.

“ B100 Series - a cost effective solution to your power problem. ”



Standard Properties

- Compact and stylish, ideal for office or home.
- Excellent performance and reliability, designed for maximum equipment protection.
- Advanced MCU control technology, enhancing UPS performance.
- Competitively priced.
- High efficiency.
- 500VA, 700VA, 1kVA, powerful enough for desktop PC's.
- Conforms to all necessary safety and CE specifications.
- No noise, place it on your desktop.
- Simple and Easy to read LCD display
- Fast low voltage protection, predicting mains failure.
- Automatic voltage regulation, saving battery power.
- Low battery protection, preventing deep discharge.
- Advanced battery management.
- Modem, phone line and peripheral equipment protection.
- Hot battery swap, no need to switch off UPS. (Except 1kVA model).

