

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.



BORRI LTD
Systems House • Eckington Business Park
Rotherside Road • Eckington
Sheffield • S21 4HL
Tel: +44 01246 431431
Fax: +44 01246 431444
Email: sales@borri.co.uk
Web: www.borri.co.uk

BORRI MANUFACTURING
Via 8 Marzo, 2
52010 Bibbiena (Arezzo)
Italy
Tel: +39 0575 5351
Fax: +39 0575 561438
Email: info@borri.it
Web: www.borri.it



BORRI B100
500VA - 1kVA

# BORRI B100

## 500VA - 1kVA



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 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).

