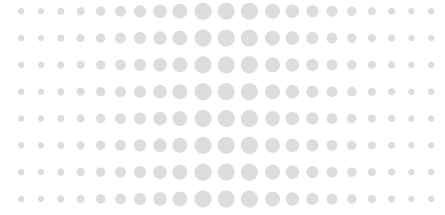


ALL PSU Ltd

Uninterruptible Power Solutions



B100
500VA - 1kVA

B100

500VA - 1kVA

Uninterruptible Power Solutions

The B100 Series is a highly reliable and cost effective UPS, designed for smaller protection needs such as small CCTV systems, EPOS and IT applications. It is ideal for applications requiring essential, practical and economical power protection in both domestic and working environments.



○ Protection

The B100 is designed with Automatic Voltage Regulation Technology (AVR) making the UPS enormously effective even in poor supply conditions. With its wide ranging input voltage (rated voltage +25%/-30%), the B100 offers a larger input range and more effective protection in comparison to many competitor models.

Under mains failure the B100 allocates power directly to the computer so it can start a controlled shutdown. Starting a controlled shutdown ensures that working documents and operational data are protected instantly, along with connected hardware and software.

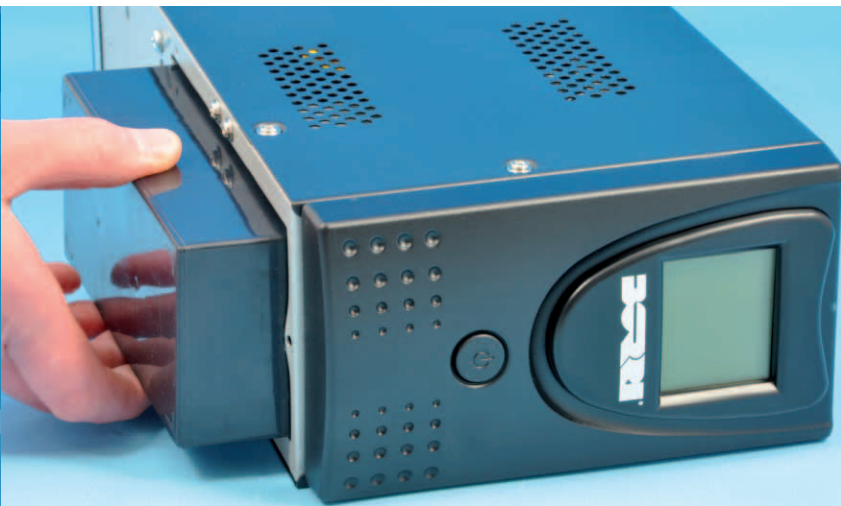
The B100 also offers protection for your modem and phone line via a filtered socket, eliminating voltage infrequencies (such as voltage sags) one of the most common causes of power failure. The peripheral protection socket also offers mains filtering which adds extra protection for valuable non-essential equipment.

● 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).

○ Power Ratings

The B100 is designed with three different power ratings, 500VA, 700VA and 1kVA. Each power size has a modern LCD display which allows the user to remain updated on the mains and battery status, ensuring continuous protection of your equipment and data.



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



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 milliseconds		
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		
DIMENSIONS			
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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