

# ALL PSU Ltd

Uninterruptible Power Solutions

## B50

600VA-1.5kVA • LINE INTERACTIVE WITH AVR

The B50 is one of the most compact and practical uninterruptible power supplies on the market. It is the perfect solution for smaller backup needs with anything from small CCTV Systems, EPOS and IT applications for general office, security or home use.

### ○ Hardware Features

The B50 is fitted as standard with an AVR (Automatic Voltage Regulator), this feature allows the input voltage to fluctuate by as much as -30% to +20% with no discernable effect on the output voltage. The AVR regulates the voltage so the batteries don't have to be engaged as often; this in turn dramatically increases the overall battery life (none AVR UPS have to engage batteries in order to regulate voltage). More importantly should you suffer a mains failure, the batteries are in far better condition to offer a maximum run time.

**Note:** The life of a UPS battery is calculated on how many times it has to be used. If you work in an area where the voltage can vary, the battery will have a much shorter life if the UPS isn't designed with AVR.

### ○ Software Features

Upsilon Monitoring Software is included with the B50 offering real added value. The free software allows users to monitor the performance levels of the UPS from any network connected computer and will also perform an auto shut down in the event of a mains fail.

### ○ Small and Cost Effective

The B50 may be the smallest UPS in the range but still adheres to the quality and design principles of its bigger brothers in the family, as it offers high quality at entry level pricing. The B50 is an ideal solution for applications requiring a regulated emergency power supply for a minimal cost.

### ○ Easy Installation

The B50 is a plug and play UPS, installation can be completed within minutes depending on the equipment to be connected. Once live, the UPS will run without any noticeable interruption protecting your critical load and data.



# B50

## TECHNICAL SPECIFICATIONS

### Standard Properties

- Designed with AVR technology, allowing input voltage to vary by -30% / +20% with no battery intervention.
- Small compact with robust plastic cabinet
- Protects against power surges, voltage sags and mains failure.
- Ideal for small CCTV systems, EPOS and IT applications
- Quick and simple installation
- Cost effective due to competitive pricing structure
- Free management software.
- Supported by one of Europe's largest UPS manufactures.
- CE compliant

SPECIFICATIONS	600VA	800VA	1kVA	1.5kVA
<b>INPUT</b>				
Voltage Range	162-290VAC			
<b>OUTPUT</b>				
Voltage	230VAC			
Frequency	50Hz			
<b>BATTERY</b>				
Type	Sealed Lead Acid Maintenance Free			
Capacity	12V/7AH	12V/9AH	12V/7AH	12V/9AH
Quantity	1pce		2pce	
Backup Time	5-30 minutes for a typical PC load			
Recharge Time	8 Hours To 90% After Complete Discharge			
<b>PROTECTION</b>				
Full Protection	Short Circuit, Noise Suppression, Spike Suppression, Battery Over-Discharge Protection			
Overload	AC Mode - >105% buzzer continuously alarms			
Short Circuit	Inv. Mode - >105% - >109% Buzzer continuously alarms			
	AC Mode - Input Fuse & Electronic Circuit			
	Inv. Mode - Electronic Circuit			
<b>INDICATOR</b>				
AC Mode	Green LED Solid			
Battery Mode	Green LED Flashing			
Fault	Red LED			
<b>ALARMS</b>				
Audible and Visual	Mains Failure or Battery low			
<b>PHYSICAL</b>				
Dimensions (WxDxH)	95 x 171 x 354		147 x 360 x 234	
Net Weight (Kgs)	6	7	13	16
<b>ENVIRONMENT</b>				
Operating Temperature	0 to 40°C/ 32 to 104°F			
Operating Humidity	95% RH maximum, Non-Condensing			
Noise Level	< 40dB			
<b>INTERFACE</b>				
Smart RS-232	Support Windows 95/98/NT/2000/XP/Vista/Windows 7			
<b>SAFETY CONFORMANCE</b>				
Quality Assurance	ISO9001 Certified			
Safety Standard	EN62040-1-1			
EMC Standard	EN62040-3, EN61000-3-2, EN61000-3-3, FCC Class A			
Marks	CE, UL, cUL			

“ The B50 is ideal for small applications, designed to be lightweight, efficient and cost effective. ”

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