User Manual

EN JPT16385 – 09/2026

Easy UPS BVR500I, BVR500I-GR, BVR650I, BVR650I-GR, BVR800I, BVR800I-GR, BVR1000I, BVR1000I-GR

Important Safety Instructions

SAVE THESE INSTRUCTIONS - This manual contains important instructions that should be followed during installation and maintenance of the UPS and batteries.



Read the Safety Guide supplied with the equipment to become familiar with the safety requirements before trying to install or operate the UPS.

Read the user documentation to become familiar with the equipment before trying to install or operate it.

The following special messages may appear throughout this document or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol either to a “Danger” or “Warning” safety label indicates that an electrical hazard exists that will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result** in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

Electrical equipment should be installed, operated and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

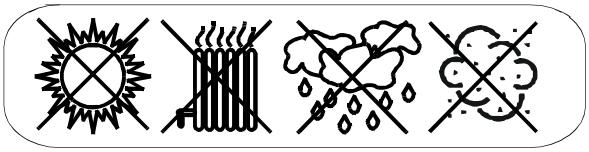
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As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.
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Product Handling Guidelines

 <18 kg <40 lb	 18-32 kg 40-70 lb	 32-55 kg 70-120 lb	 >55 kg >120 lb		

Safety and General Information



Inspect the package contents upon receipt. Notify the carrier and dealer if there is any damage.

- Adhere to all national and local electrical codes.
- All wiring must be performed by a qualified electrician.
- Changes and modifications to this unit not expressly approved by Schneider Electric IT Corporation could void the warranty.
- This Easy UPS is for indoor use only.
- Do not operate this Easy UPS in direct sunlight, in contact with fluids, or where there is excessive dust or high humidity.
- Do not operate the Easy UPS near open windows or doors. Be sure the air vents on the Easy UPS are not blocked. Allow adequate space for proper ventilation. **NOTE:** Allow a minimum of 20 cm clearance on top of the Easy UPS.
- Connect the Easy UPS to an earthed mains socket.
- Connect the power cord of the Easy UPS directly to a wall outlet. Do not use surge protectors or extension cords.
- Do not switch off the utility power to the Easy UPS. Use the Easy UPS POWER ON/OFF switch in the front panel to turn on or turn off power to the connected equipment.
- Do not attempt to disassemble the unit. The unit contains no user replaceable parts.
- In the event of an emergency, press the POWER ON/OFF button and disconnect the power cord from the utility power supply to completely disable the Easy UPS.
- Do not connect equipments like medical equipment, life-support equipment, microwave ovens, laser printers or vacuum cleaners to Easy UPS.
- For user safety, persons not authorized by Schneider Electric are not allowed to disassemble or repair this equipment.

Cybersecurity Recommendations

- Install the UPS in a location with restricted access, secured by access control doors.
- Authorize the system access to maintenance and service personnel only.
- Mark the restricted areas with "For authorized personnel only".
- Record the access to restricted areas with either a physical or an electronic audit trail.

Battery safety

⚠ CAUTION

RISK OF HYDROGEN SULPHIDE GAS AND EXCESSIVE SMOKE

- Replace the battery at least every 5 years or at the end of its service life.
- Replace the battery immediately when the Easy UPS indicates battery replacement is necessary.
- Replace batteries with the same number and type of batteries as originally installed in the Easy UPS.
- Replace the battery immediately when the Easy UPS indicates a battery over-temperature condition, or when there is evidence of electrolyte leakage. Power off the Easy UPS, unplug it from the AC input, and disconnect the batteries. Do not operate the Easy UPS until the batteries have been replaced.

Failure to follow these instructions can result in minor or moderate injury and equipment damage.

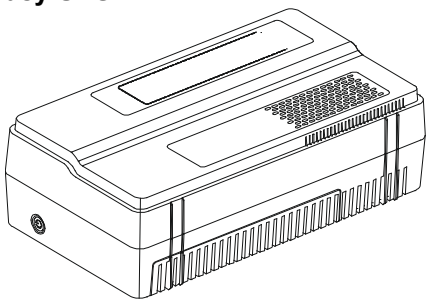
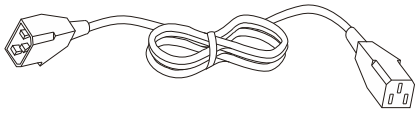
- For the recycling battery information, go to apc.com/recycle.
- Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorized personnel away from batteries.
- Schneider Electric uses Sealed Maintenance-Free Lead Acid batteries. Under normal use and handling, there is no contact with the internal components of the batteries. Over charging, over heating or other misuse of batteries can result in leakage of battery electrolyte. Released electrolyte is toxic and may be harmful to the skin and eyes.
- The battery typically lasts about three years. Environmental factors impact battery life. Elevated ambient temperatures, frequent short duration discharges due to poor quality utility power will shorten battery life.
- CAUTION: A battery can present a risk of electric shock and burns by high short-circuit current. The following precautions should be taken when working on batteries:
  - Disconnect the charging source prior to connecting or disconnecting battery terminals.
  - Do not wear any metal objects including watches and rings.
  - Do not lay tools or metal parts on top of batteries.
  - Use tools with insulated handles.
  - Wear rubber gloves and boots.
- CAUTION: Failed batteries can reach temperatures that exceed the burn thresholds for touchable surfaces.

- CAUTION: Before installing or replacing the batteries, remove conductive jewelry such as chains, wrist watches, and rings. High energy through conductive materials could cause severe burns.
- CAUTION: Do not dispose of batteries in a fire. The batteries may explode.
- CAUTION: Do not open or mutilate batteries. Released material is harmful to the skin and eyes and may be toxic.

Radio Frequency Warning

This is a category C2 UPS product. In a residential environment, this product may cause radio interference, in which case the user may be required to take additional measures.

Inventory

Easy UPS 	**Power cord**  IEC jumper cable for PC connection is applicable only for models *BVR500I, BVR650I, BVR800I, and BVR1000I.
Guarantee sheet 	**Warranty sheet** 
Safety guide 	

NOTE: The input cable type and output cable type for all the variants is as given below.

Variant	Input Cable type	Output Cable type	Powerchord type	Cable length
I-GR	GR Power cord (CEE7)	Schuko (CEE7)	Fixed	1.2 m
I	IEC 320 C14	IEC C13	Detachable	

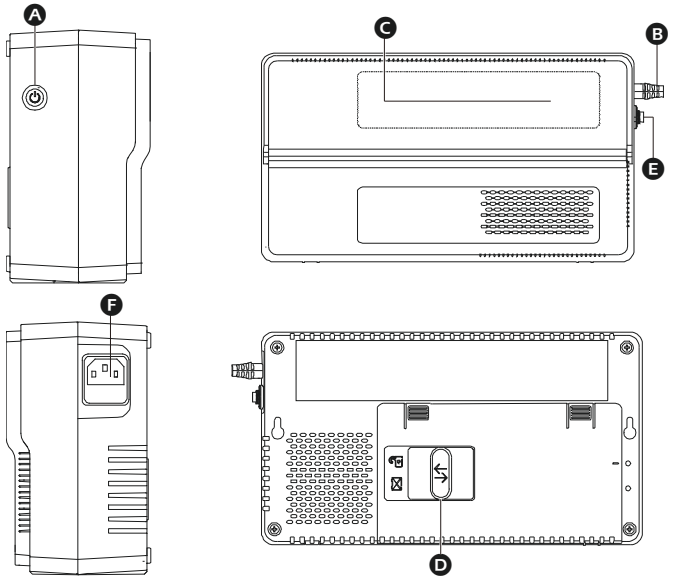
Product Description

The Schneider Electric Easy UPS helps to offer power and surge protection for wireless networks, computers, gaming consoles and other electronics in your home or business. This UPS helps to provide battery backup during power outages and unstable voltage fluctuations, as well as helps to provide damage due to surges and spikes. These features help to protect your data and keep you connected.

Features

Ⓐ	POWER ON/OFF **button with indicator**
Ⓑ	**Input power cord**
Ⓒ	**Battery Backup and surge protected outlets**
Ⓓ	**Battery Slide lock**
Ⓔ	**Circuit breaker**
Ⓕ	**AC power inlet with AC fuse**

BVR500I / BVR500I-GR / BVR650I / BVR650I-GR / BVR800I / BVR800I-GR / BVR1000I / BVR1000I-GR



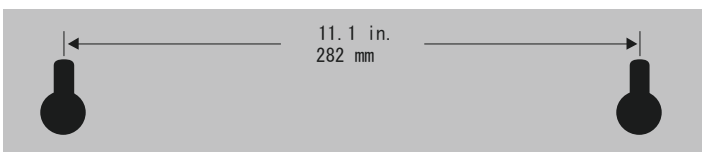
NOTE: Callout B and E apply to models with Schuko outlets, while callout F applies to models with IEC outlets.

Refer to the specification table for outlet configuration specifies.

Model	**BVR500I, BVR650I, BVR800I, & BVR1000I**	**BVR500I-GR, BVR650I-GR, BVR800I-GR, & BVR1000I-GR**
Output Socket and Quantity	6x 	4x 

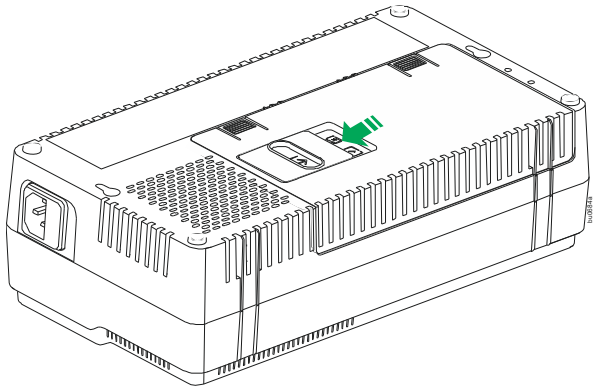
Wall Mount Installation

- For horizontal installation, position two screws spaced 11.1” (282 mm) apart.
- Ensure that each screw protrudes 5/16 inch (8 mm) from the wall.



Connect the battery

❶ Connect the battery by sliding the Battery Slide lock to the left.



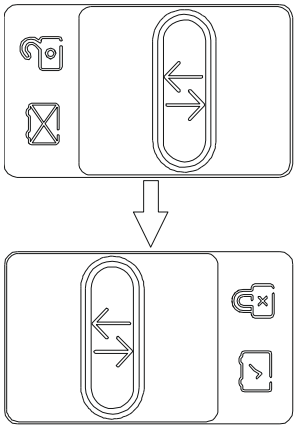
Specifications

Model		BVR500I / BVR500I-GR	BVR650I / BVR650I-GR	BVR800I / BVR800I-GR	BVR1000I / BVR1000I-GR
Input	**Voltage**	220 - 240 Vac			
	Frequency	50/60 Hz			
	Brownout Transfer	170 Vac, typical			
	Over-voltage Transfer	280 Vac, typical			
Output	**UPS Capacity (total)**	500 VA / 300 W	650 VA / 375 W	800 VA /450 W	1000 VA / 600 W
	Voltage On Battery	230 Vac ± 10%			
	Frequency - On Battery	50/60 ± 1 Hz			
	Transfer Time	6 ms typical			
	Short Circuit Current	Approx. 285 A peak, Approx. 35.2 A RMS	Approx. 288 A peak, Approx. 35.2 A RMS	Approx. 297 A peak, Approx. 35.4 A RMS	Approx. 295 A peak, Approx. 35.8 A RMS
Protection	**AC Input Circuit Breaker only (For BVR500/650/800/ 1000 I-GR models)**	5 A 250 Vac	5 A 250 Vac	7 A 250 Vac	7 A 250 Vac
	AC Input Fuse (For BVR500/ 650/800/1000 I models)	T5AL, 250 Vac	T5AL, 250 Vac	T10AL, 250 Vac	T10AL, 250 Vac
Battery	**Type**	Valve Regulated Lead Acid (VRLA)			
	Rating	12 V, 4.5 Ah	12 V, 7 Ah	12 V, 7 Ah	12 V, 9 Ah
	Weight	1.45 Kg	1.84 Kg	2.15 Kg	2.38 Kg
	Replacement Battery Cartridge (RBC)	RBC46	APCRBCV210	APCRBC110	RBC17
	Average Life	The battery typically lasts for three to five years. Environmental factors impact battery backup life. Elevated temperatures, high humidity, poor quality mains power, causing frequent, short duration discharges will shorten battery life. The battery in the Easy UPS Series is user-replaceable.			
	Typical Recharge Time	6~8 hours recover to 90% capacity			

Physical	**Net Weight**	3.9 Kg	4.6 Kg	5.3 Kg	5.7 Kg
	Dimension (H x W x D) cm	9.75 cm x 17.05 cm x 30.5 cm			
	Shipping Weight	4.2 Kg	4.9 Kg	5.6 Kg	6 Kg
	Shipping Dimension (H x W x D) cm	25.2 cm x 38.3 cm x 58.8 cm			
Temperature	**Operating**	0 °C to 40 °C			
	Storage	-20 °C to 50°C			
Altitude		2000 m			
Humidity		0 to 95% relative humidity, non-condensing			
International Protection Code		IP20			
Applicable Power Grid Power Distribution System		TN Power System			
Pollution Degree		2			
Over voltage Category		II for normal mode			
Applicable Standard		IEC 62040-1			

Operation

Turn On the Easy UPS



Place the UPS on a flat surface in the orientation shown in the “Connect the battery” on page 6.

1. Connect the battery by sliding the Battery Slide Lock fully to the left until it reaches the full-contact position. Verify that no gap remains and that the connector is fully seated.
2. Connect equipment to the UPS.
3. Plug the Easy UPS power cord directly into a wall outlet, not into surge protector or power strip.
4. Press the POWER ON/OFF button to turn on the unit. The green **POWER ON** indicator confirms that the Easy UPS is on and ready to help provide protection to the connected equipment. The battery gets charged whenever the input power supply to the UPS is available, whether the UPS is turned on or off.

Automatic Voltage Regulation (AVR)

Automatic Voltage Regulation boosts/trims the AC voltage when it varies from the specified levels. This allows the connected equipment to operate during high/low voltage conditions, conserving battery power. The Easy UPS will switch to battery power if the input voltage level becomes too low/high or if the AC input voltage is distorted.

Self Test

The Easy UPS will perform an automatic test of the internal battery when the UPS is turned on or the UPS is operating in on-line mode, once in every 14 days.
NOTE: Self test can be done only when the battery is fully charged and the UPS is working in on-line mode (only when battery Voltage > 13V).

Status Indicators

LED	Audible Alarm	Condition
On	Off	**On-line -** The Easy UPS is supplying AC power to the connected equipment.
	Constant Tone	**On Line Overload -** The power being used by the connected equipment has exceeded the capacity of the unit. Disconnect some equipment.
	Constant beeping (every 0.5 second)	**Over-temperature Alarm -** The unit is overheating and will operate in AVR mode for 5 minutes. The Easy UPS will shut down if the temperature is not lowered. Disconnect some of the connected equipment.
On (LED does not illuminate during beeps)	4 beeps repeated every 30 seconds	**On-Battery -** The Easy UPS is supplying battery power.
Flashing	Constant beeping (every 0.5 second)	**Low Battery -** The Easy UPS is supplying battery power and the battery is near a total discharge state.
	Constant tone	**Bad Battery Detected -** The battery needs to be charged, or is at end of life. **Battery Disconnected -** The battery connection is not secured.
Off	Short beep every 4 seconds	**Low Battery Shutdown -** During On Battery operation the battery power was almost completely exhausted, and the Easy UPS is waiting for AC power to return to normal.
	Constant Tone	**On Line Overload Fault-** The connected equipment requires more power than provided by the Easy UPS. Unplug devices one at a time to remove overload. If the detected problem is not corrected, contact SEIT Technical Support.
		Charger Fault Detected - Easy UPS has an internal problem, and is no longer powering the load. Contact SEIT Technical Support.
	Long beep every 4 seconds	**Over-temperature Protection -** The Easy UPS has overheated and shut down. Unplug connected devices one at a time or wait for a few hours for system to cool down.

Troubleshooting

Detected Problem and Possible Cause	Corrective Action
The Easy UPS will not turn *on*.	
The Easy UPS has not been turned *on*.	Press the ON/OFF button.
The Easy UPS is not connected to AC power, there is no AC power available at the wall outlet, or the AC power is experiencing a brownout or over voltage condition.	Be sure that the power cord is securely connected to the wall outlet, and that the AC power is available at the wall outlet. Where applicable, be sure that the wall outlet is switched *on*.
The Battery is disconnected.	Refer to “Turn On the Easy UPS” on page 7 for details.
Connected equipment loses power.	
An overload condition has occurred.	Remove all nonessential equipment connected to the outlets. One at a time reconnect equipment to the Easy UPS. Charge the battery for 24 hours to make sure it is fully charged. If the overload condition still occurs, replace the battery.
The Easy UPS battery is completely discharged.	Connect the Easy UPS to AC power and allow the battery to recharge for 10 hours.
Connected equipment does not accept the step-approximated sine wave from the Easy UPS.	The output waveform is intended for computers and peripheral devices. It is not intended for use with motor driven equipment.
The Easy UPS may require service.	Contact Schneider Electric Technical Support for more in depth troubleshooting
The ON/OFF button is green and flashing every 30 seconds. 4 beeps repeated every 30 seconds.	
The Easy UPS is operating on battery power.	The Easy UPS is operating normally on battery power. At this point the user should save all open files, and shutdown the computer. When AC power is restored the battery will recharge.
The ON/OFF button flashes green and constant beeps every 1/2 second.	
The Easy UPS battery has approximately empty and will shutdown.	The Easy UPS battery is near a total discharge state. At this point the user should save all open files, and shutdown the computer. When AC power is restored the battery will recharge.
The Easy UPS has an inadequate battery runtime	
The battery is not fully charged. The battery is near the end of useful life and should be replaced.	Leave the Easy UPS connected to AC power for ten hours while the battery charges to full capacity. As a battery ages, the runtime capability decreases.
The UPS and outlets are off but the UPS keeps beeping once every 4 seconds. The audible alarm will mute after 32 seconds.	
The UPS has shut down due to low battery, but control power exists.	The UPS will return to normal operation once the AC input voltage has returned to a normal range.

Battery Replacement

Delaying the replacement of parts may corrode the batteries in the cartridge. Recycle spent battery cartridges.

The RBC for IEC and Schuko outlets is shown in the matrix below.

RBC Matrix

IEC	BVR500I	BVR650I	BVR800I	BVR1000I
Schuko	**BVR500I-GR**	**BVR650I-GR**	**BVR800I-GR**	**BVR1000I-GR**
RBC	RBC46	APCRBCV210	APCRBC110	RBC17

Remove the battery

⚠ CAUTION

RISK OF LEG INJURY AND EQUIPMENT DAMAGE

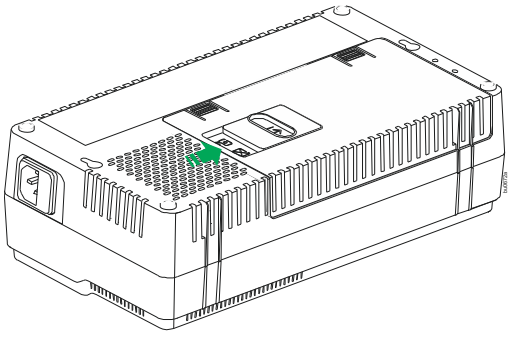
- Replace batteries only on a stable, flat surface.
- Never leave the battery suspended with wires connected.
- Do not replace batteries near the edge of the table, as they may fall and cause leg injury.
- Avoid pulling or dragging battery cables.

Failure to follow these instructions can result in minor or moderate injury and equipment damage.

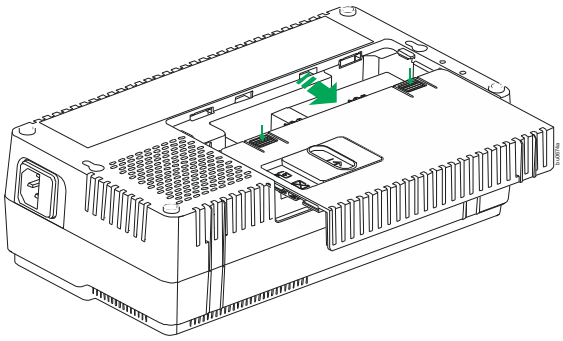
CAUTION: Performing more than 30 connect/disconnect cycles may wear down the battery's connectors.

BVR500I, BVR500I-GR

❶ Disconnect the battery by sliding the Battery Slide lock to the right.

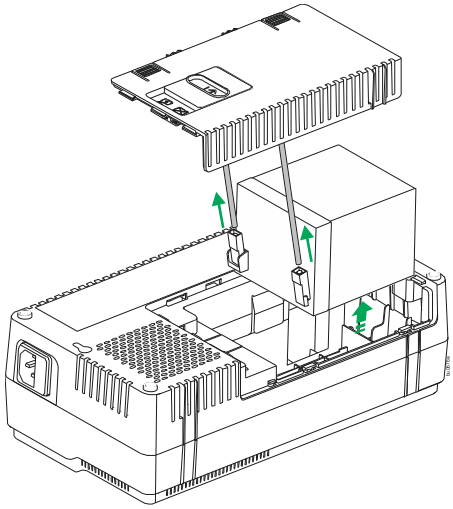


❷ Press release tabs to slide the battery door.



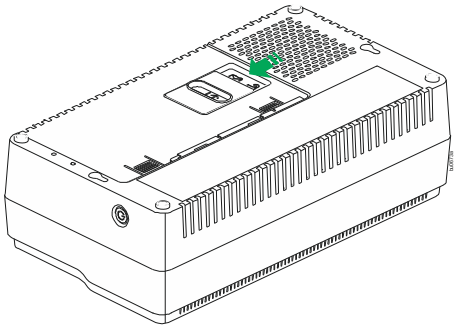
❸ Pull out the battery and disconnect the battery wires.

NOTE: Flip the UPS 180° and carefully remove the battery with one hand.

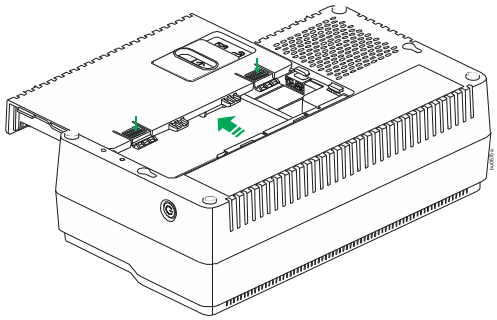


BVR650I, BVR650I-GR, BVR800I, BVR800I-GR, BVR1000I, BVR1000I-GR

❶ Disconnect the battery by sliding the Battery Slide lock to the right.

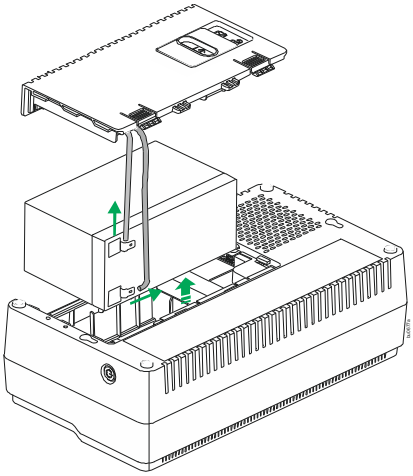


❷ Press release tabs to slide the battery door.



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NOTE: Flip the UPS 180° and carefully remove the battery with one hand.

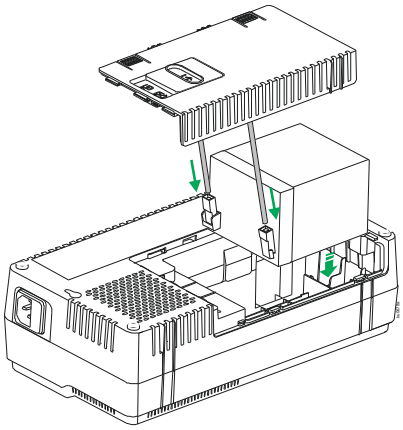


Install New Battery

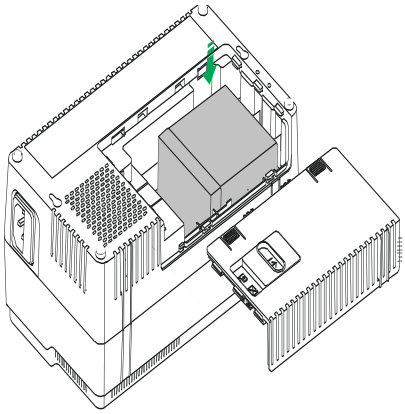
BVR500I, BVR500I-GR

❶ Connect the battery wire to the new battery cartridge.

NOTE: The wing of the negative terminal should face upwards.
If a test report paper is attached to the new RBC, tear it off before installation.

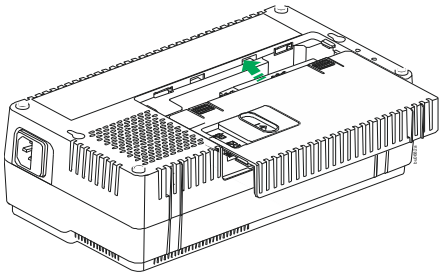


❷ Place the battery back into the UPS.

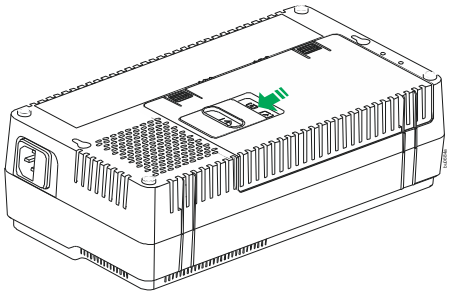


❸ Align the side rails on the door with the rails on the UPS, and slide the cover until it locks into position.

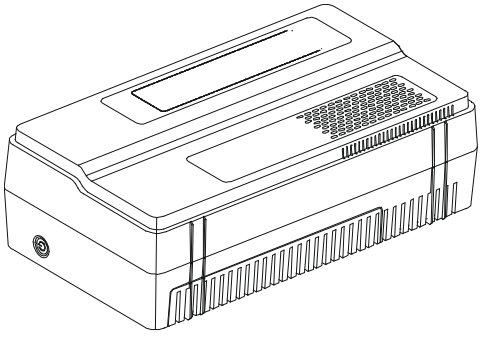
NOTE: Ensure that the rails are aligned before sliding the cover.



❹ Slide the Battery Slide lock to connect the battery.



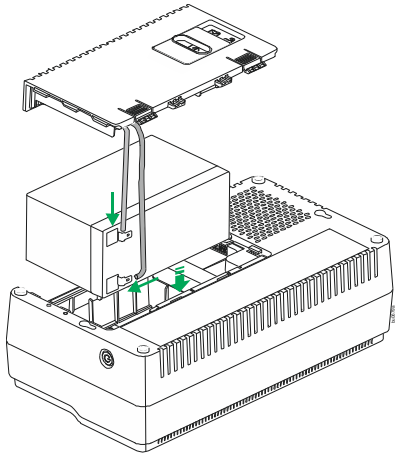
❺ Place the UPS back on the desktop in the horizontal position.



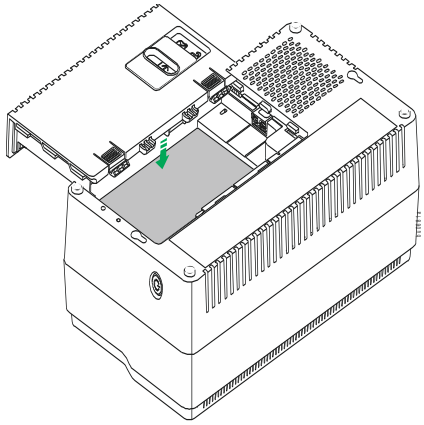
BVR650I, BVR650I-GR, BVR800I, BVR800I-GR, BVR1000I, BVR1000I-GR

❶ Connect the battery wire to the new battery cartridge.

NOTE: The wing of the negative terminal should face upwards.
If a test report paper is attached to the new RBC, tear it off before installation.

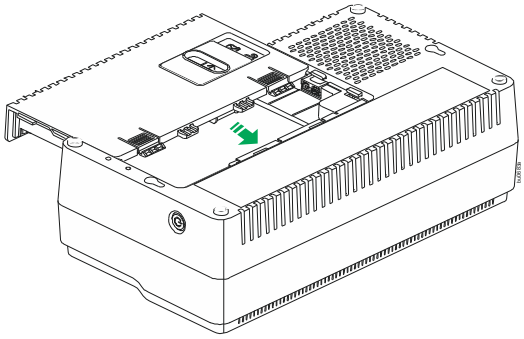


❷ Place the battery back into the UPS.

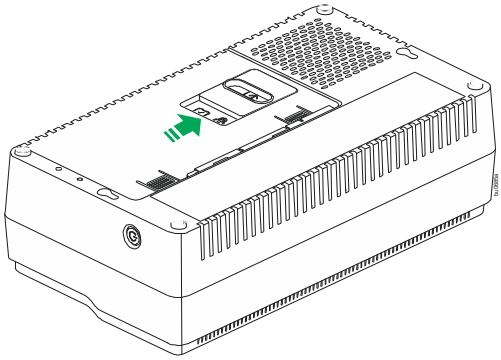


❸ Align the side rails on the door with the rails on the UPS, and slide the cover until it locks into position.

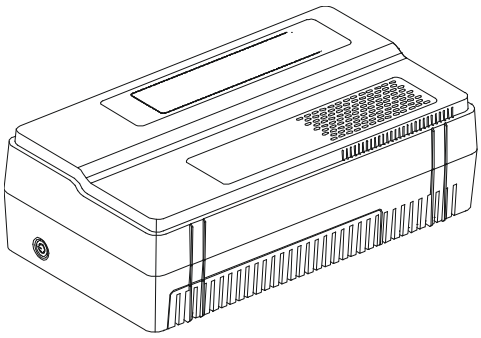
NOTE: Ensure that the rails are aligned before sliding the cover.



❹ Slide the Battery Slide lock to connect the battery.



❺ Place the UPS back on the desktop in the horizontal position.



Service

If the unit requires service, do not return it to the dealer. Follow these steps:

1. Review the Troubleshooting section of the manual to eliminate common problems.
2. If the problem persists, contact Schneider Electric IT (SEIT) Customer Support through the Schneider Electric website, www.se.com.
   a. Note the model number and serial number and the date of purchase. The model and serial numbers are located on the rear panel of the unit.
   b. Call SEIT Customer Support and a technician will attempt to solve the problem over the phone. If this is not possible, the technician will issue a Returned Material Authorization Number (RMA#).
   c. If the unit is under warranty, the repairs are free.
   d. Service procedures and returns may vary internationally. Refer to Schneider Electric website for country specific instructions.
3. Pack the unit in the original packaging whenever possible to avoid damage in transit. Never use foam beads for packaging. Damage sustained in transit is not covered under warranty.
4. Always DISCONNECT THE UPS BATTERIES before shipping. The United States Department of Transportation (DOT), and the International Air Transport Association (IATA) regulations require that UPS batteries be disconnected before shipping. The internal batteries may remain in the UPS.
5. Write the RMA# provided by Customer Support on the outside of the package.
6. Return the unit by insured, prepaid carrier to the address provided by Customer Support.

Warranty

Register your product on-line. http://warranty.apc.com

The standard warranty is two (2) years from the date of purchase. SEIT standard procedure is to replace the original unit with a factory reconditioned unit. Customers who must have the original unit back due to the assignment of asset tags and set depreciation schedules must declare such a need at first contact with an SEIT Technical Support representative. SEIT will ship the replacement unit once the defective unit has been received by the repair department, or cross-ship upon the receipt of a valid credit card number. The customer pays for shipping the unit to SEIT. SEIT pays ground freight transportation costs to ship the replacement unit to the customer.

Schneider Electric IT Customer Support Worldwide

For country specific customer support, go to the Schneider Electric website, **www.se.com/support**