

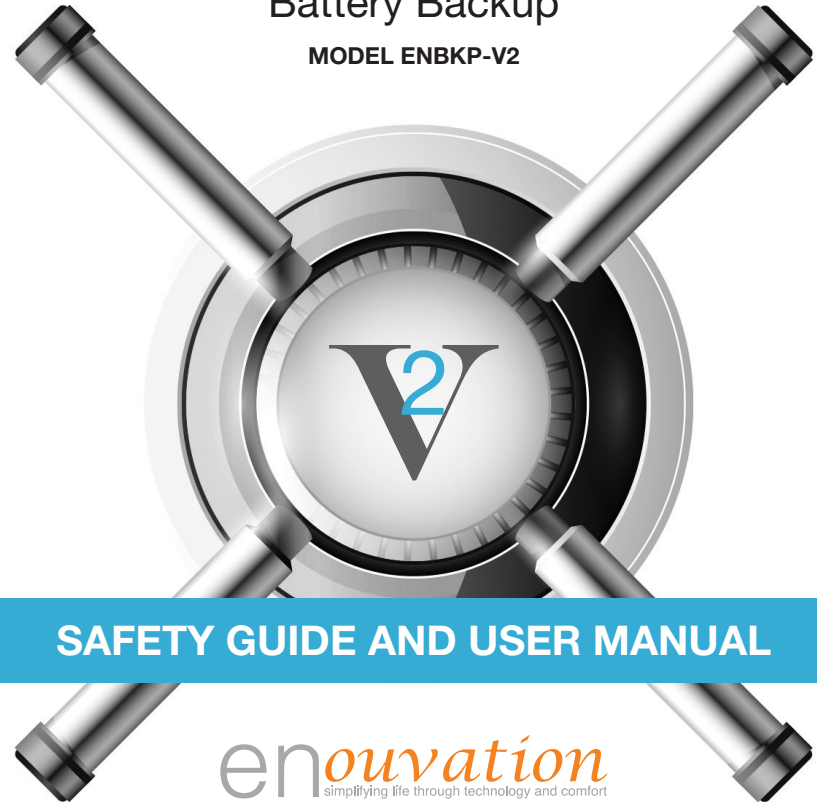
The Vault MODEL ENBKP-V2
Universal Rechargeable Battery Backup



SAFETY GUIDE AND USER MANUAL

The Vault
Universal Rechargeable
Battery Backup

MODEL ENBKP-V2



SAFETY GUIDE AND USER MANUAL

SAFETY RULES

WARNING!

Read and understand all safety rules and product instructions for The Vault Universal Rechargeable Battery Backup (“battery backup”).

Failure to follow all safety rules and instructions listed below, may result in:

- **Electric shock**
- **Fire and/or explosion**
- **Serious personal injury**

DO NOT:

- **DO NOT** crush, drop, or damage battery backup.
- **DO NOT** use a battery backup that has been dropped or received a sharp blow.
- **DO NOT** attempt to repair a battery backup that has been damaged.
- **DO NOT** open, break, dismantle, disassemble, deform, or otherwise attempt to modify the unit in any way.
- **DO NOT** position the battery backup or connected wiring near any moving parts that may come into contact or cause

crush or physical damage. Keep both the battery backup and wiring clear of all moving parts at all times.

- **DO NOT** use a battery backup that is damaged, modified, or compromised in any way.
- **DO NOT** reverse charge the battery backup. Battery backup should only be used with the original power source of your furniture or bed base, and connected in line with that singular, original power source. Under no circumstances should an additional power source be connected to the furniture when the battery backup is in use.
- **DO NOT** use outdoors. Battery backup is for indoor use only.
- **DO NOT** place battery backup near fire or heat.
- **DO NOT** solder or weld in the vicinity of the battery backup.
- **DO NOT** expose battery backup to excessive physical shock or vibration.
- **DO NOT** allow battery backup to get wet or immersed in water.
- **DO NOT** use battery backup in a damp or wet location.

- **DO NOT** use with a power source that exceeds 30 volts (V), 2 amps (A), or 60 watts (W).
- **DO NOT** use with a damaged or faulty power source.
- **DO NOT** use or store in an area of extreme heat or cold. The battery backup will perform best at normal room temperature.
- **DO NOT** touch battery fluid that has leaked. If leaking battery fluid comes in contact with your skin, seek immediate medical attention.
 - For skin exposure, wash immediately with soap and water, then seek immediate medical attention.
 - For eye exposure, flush eyes with clean water for at least 10 minutes, then seek immediate medical attention.
- **DO NOT** short circuit the battery backup. When battery backup is not in use, keep it away from other metal objects like: paper clips, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.

DO:

- Properly dispose of a damaged, modified, or compromised battery backup immediately.

- Use only with the original power source (transformer) that came with your furniture or bed base.
- **KEEP OUT OF REACH OF CHILDREN.**
- For optimum performance, a battery should be used in an environment ranging from 20-25°C (68-77°F). The operating temperature should never exceed 40°C (104°F).

SAVE THESE INSTRUCTIONS

- Refer to instructions frequently.
- Refer **ANY** person operating the battery backup to these instructions **PRIOR** to use.
- If loaning the battery backup, provide instructions with battery backup.

OPERATION

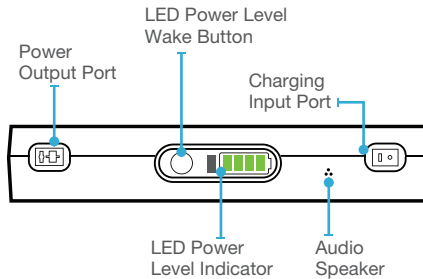
INITIAL CHARGE AND CONNECTING THE BATTERY BACKUP

NOTE: For maximum benefit, **FULLY CHARGE** battery backup before first use.

The battery backup has been shipped in a low charge condition. Prior to connecting in line with your furniture or bed base, the product should be **CHARGED FULLY** to get the maximum benefit in the event of a power outage. To ensure your unit is fully charged prior to the first use, complete the following steps:

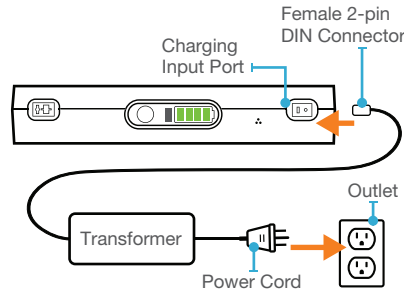
- 1. POWERING ON:** Press and hold the LED power level wake button until a single green light is illuminated, and a single beep can be heard. (See Figure 1)

Figure 1.
Component parts of battery backup.



- 2. CONNECTING POWER SOURCE:** Connect your furniture or bed base's original power source (transformer) to a powered electrical outlet. (See Figure 2)

Figure 2.
Transformer connections.



- 3. CONNECTING THE BATTERY:** Connect the opposite end (female 2-pin DIN connection) of the transformer into the charging input port on the battery backup (male 2-pin DIN connection). (See Figure 2)
- 4. CHARGING:**
 - (a) The battery backup will indicate it is charging with a flashing green light on one of the four LED power level bars. Each bar represents 25% of the usable capacity.

(b) Upon completion of the charge cycle, all four bars will remain solid for approximately 5 seconds before turning off. When this occurs, the unit is now ready for use.

NOTE: The initial charging time can range from 30 minutes up to 2.5 hours depending on the state of power during this first charge.

(c) If no lights are shown, briefly pressing the LED power level wake button will show the current level of charge for approximately 5 seconds before turning off again.

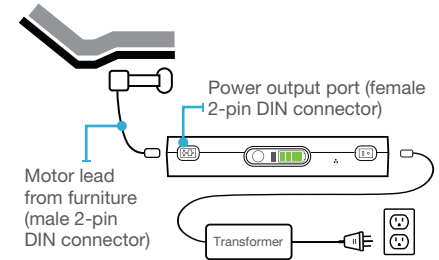
5. CONNECTING TO FURNITURE:

- (a) While the transformer remains connected to the charging input port on the battery backup, locate the motor lead from your furniture or bed base (male 2-pin DIN connection).
- (b) Insert the motor lead into the power output port on the battery backup (female 2-pin DIN connection). (See Figure 3)

WARNING!

DO NOT position the battery backup or connected wiring near any moving parts that may come into contact or cause crush or physical damage. Failure to do so may result in fire, explosion, and/or serious personal injury.

Figure 3.
Connect battery backup to furniture.



6. POWER OUTAGE:

NOTE: Keep the fully charged battery backup connected to the furniture or bed base even when power is available.

(a) Your furniture or bed base will utilize the original power source while power is available, even with a fully charged battery backup attached.

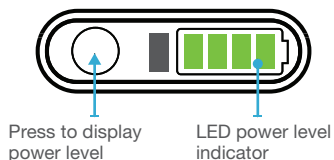
(b) In the event of a power outage, the battery backup will automatically activate.

BATTERY CHARGE LED DISPLAY

To display the amount of charge left in the battery, press the LED power level wake button. (See Figure 4)

Figure 4.

Displaying the LED power level.



The battery charge level is indicated by the number of bars illuminated. When all four bars are illuminated, the battery backup is at full charge. When one bar is illuminated, the battery backup is near the end of its battery capacity. (See Figure 5)

Figure 5. Battery charge LED display information.

BARS ILLUMINATED	CHARGE STATUS
	0 - 25%
	25 - 50%
	50 - 75%
	75 - 100%

AUDIBLE LOW POWER ALERTS

In the event of a power outage, backup power will automatically activate. The duration of backup power varies based on many factors, including frequency of use, mechanism load, and power requirements of the furniture or bed base.

NOTE: Backup power is intended to power bed base or furniture motor(s) only. The overall operating time will be limited if the bed base or furniture include additional functions such as

- USB ports (actively used or not)
- Lights
- Handheld controls

These features require constant power to function and, in many cases, cannot be disabled.

When power is low, you will be notified with audible low power alerts. These alerts serve as a warning that the battery backup needs to be recharged and will soon shut down. There are two types of audible low power alerts:

- 1. INTERACTIVE LOW POWER ALERTS (ILPAs):** When approximately 15% charge remains, there will be a beeping sound each time you operate your furniture or bed base (e.g., open or close the footrest or headrest motors).

NOTE: Certain features that require constant power can consume excessive amounts of power. For example, some furniture or bed bases are equipped with lighting systems that can draw upwards of 50mAh. Features with such a high power draw will not only limit the total operating time of backup power sources, but can also cause the ILPA to remain active, resulting in constant beeping until one of the following occurs: (1) the unit is recharged, (2) the unit is drawn into HSD, or (3) the unit is disconnected from the furniture or bed base.

2. PASSIVE LOW POWER ALERTS (PLPAs):

(a) At 15% charge: The battery backup will emit a beep for approximately 15 seconds, regardless of any use.

(b) At 12% charge, a second alert will occur.

(c) At 10% charge, a third and FINAL alert will occur. At this point, the unit has entered HARD SHUTDOWN (HSD) and can no longer be used until power is restored, and the battery backup is recharged.

NOTE: The HSD function allows additional time to recharge the unit if it is left unused for an extended period (e.g., in the case of use in a second home or infrequent usage due to travel). To ensure battery health, the battery backup should be recharged **WITHIN** 30 days of entering HSD.

⚠ CAUTION!

RISK OF PERSONAL INJURY

To avoid injury from entering or exiting furniture or bed base while in an elevated position, upon hearing any low power alert, exit the furniture or bed base **AS SOON AS POSSIBLE** and adjust it into a position that allows for safe entry and exit.

DISCONTINUE ALL USE of recline functions until power is restored and the unit can be recharged.

HARD SHUTDOWN (HSD)

When the unit has entered HSD, all output is shut off to prevent additional power loss and damage from constant drawing systems.

NOTE: Recharge the battery backup **WITHIN** 30 days of HSD to ensure functionality. Failure to do so can result in the inability to recharge the unit, rendering it useless.

RECHARGING

The battery backup is designed to remain connected in line with your furniture or bed base. There is no need to disconnect the unit once installed. Recharging will occur automatically should it be required, without any action on your part, as long as it remains connected to active wall power. There are two circumstances under which recharging can occur:

1. NATURAL DISSIPATION: Every battery loses power over time, even if it is not actively used. After fully charging the battery backup, the power level will naturally decrease over time. Once the charge falls below approximately 80% of the usable capacity, the battery backup will automatically begin the recharge cycle. During this cycle:

(a) The LED power level indicator will begin to flash until the battery backup reaches a full charge.

(b) An audible beep will sound and the LED lights will all show solid, for approximately 5 seconds, once full charge has been reached.

NOTE: To display the current level of charge, briefly press the LED power level wake button.

NOTE: This recharge cycle is expected to occur every 3 months, on average. You can continue to use your furniture or bed base during the recharge cycle.

2. AFTER AN EXTENDED POWER

OUTAGE: When there is no electricity provided from the original power source, the battery backup will activate and begin to power the furniture or bed base.

When the battery backup has fallen below 80% of the usable capacity, the battery backup will begin its recharge cycle upon restoration of power.

How likely the unit will have fallen below 80% of the usable capacity depends on:

- The duration of the power outage
- Frequency of use
- Power requirements of the furniture or bed base

During the recharge cycle:

(a) The LED power level indicator will begin to flash until the battery backup reaches a full charge.

(b) An audible beep will sound and the LED lights will all show solid, for approximately 5 seconds, once full charge had been reached.

NOTE: The duration of this cycle will be approximately 30 minutes up to 2.5 hours, depending on the capacity at the time of recharging.

POWER OUTAGE PREPARATION (VOLUNTARY RECHARGING)

To maximize the amount of backup power available for an expected power outage, ensure the battery backup is fully charged in advance by performing a manual recharge.

1. While the battery backup is connected with your furniture or bed base and supplied by active wall power, press

and hold the LED power level wake button until a single green light is illuminated.

NOTE: If the unit is not already connected to your furniture or a bed base, refer to steps 2-5 of the **INITIAL CHARGE AND CONNECTING THE BATTERY BACKUP** section.

2. After a few seconds, the LED power level indicator will begin to flash indicating the current power level. The flashing will continue until the battery backup reaches a full charge.

NOTE: Once fully charged, all LEDs remain solid for approximately 5 seconds. Briefly pressing the LED power level wake button again will show the current level of charge for approximately 5 seconds.

NOTE: The duration of this recharge cycle can last up to 30 minutes, depending on the capacity at the time of charging.

STORAGE AND DISPOSAL

STORAGE

For battery backup storage:

- The battery backup must be charged within six months of the production date and/or charged immediately upon delivery and again after six months of storage.
- If it is planned that the battery backup will not be connected in line with furniture or a bed base for an extended period, the unit should be charged fully. Every six months of storage, charge the pack as normal and return to storage.
- A battery backup coming from storage should be fully charged prior to being connected to furniture or a bed base.

BATTERY BACKUP REMOVAL AND PREPARATION FOR RECYCLING



To preserve natural resources, please recycle or dispose of this battery backup properly.

RECYCLE: 1-800-822-8837

Consult your local waste authority for information regarding available recycling and/or disposal options.

NOTE: This product CONTAINS LITHIUM-ION BATTERIES. Local, state, or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash.

WARNING!

- **KEEP AWAY FROM CHILDREN!**
- **Risk of fire and/or serious personal injury.**
- **COVER** the battery backup's charging input port and power output port with heavy-duty adhesive tape upon removal and preparation for disposal.
- **DO NOT** attempt to destroy or disassemble battery backup.
- **DO NOT** attempt to remove any of the battery backup components.
- **RECYCLE OR DISPOSE OF PROPERLY** – refer to instructions above.

SAVE THESE INSTRUCTIONS

TROUBLESHOOTING

Condition	Possible Cause	Solution
Unit is beeping	Recharge cycle complete	Normal operation. Unit will beep for 5 seconds after charge cycle is complete.
	Power is low (below 15%)	Normal operation. Unit will beep while in use, and for 15 seconds if power is low. Recharge as soon as possible.
LED power level indicator is off	Furniture or bed base is not being opened or closed	Normal operation. The LED power level indicator will light only while using the open/close buttons on your furniture or bed base, or if the LED power level wake button is pressed. It will turn off after approximately 5 seconds of inactivity.
LED power level indicator is flashing	Unit is recharging	Normal operation. The LED power level indicator will flash while recharging and turn off after charging is completed.

Troubleshooting continued on next page...

Condition	Possible Cause	Solution
LED power level indicator is on	Furniture or bed base is opening or closing	Normal operation. The LED power level indicator will light: <ul style="list-style-type: none"> • When using the open/close buttons on your furniture or bed base • When LED power level wake button is pressed. The LED power level indicator turns off after approximately 5 seconds of inactivity. Refer to BATTERY CHARGE LED DISPLAY for more information.
	LED power level wake button pressed	<div>NOTE: Systems with high constant draw may keep LED indicator lights on at all times or intermittently.</div>
Unit will not hold a charge (not lasting as long as expected)	Furniture or bed base has constant drawing features	Backup power is intended to power bed base or furniture motor(s) only. Overall operating time will be limited if bed base or furniture includes additional functions including but not limited to USB ports (actively used or not), lights, handheld controls, etc. as these features require constant power to function and, in many cases, cannot be disabled.

Troubleshooting continued on next page...

Condition	Possible Cause	Solution
Unit will not power furniture or bed base	Connections are not secure	<ul style="list-style-type: none"> • Ensure furniture or bed base's transformer is connected to active wall power, and securely inserted into the unit's input port. • Ensure furniture or bed base's motor lead is securely inserted into the unit's output port. <p>Refer to INITIAL CHARGE AND CONNECTING THE BATTERY BACKUP for more information.</p>
	Unit is in Hard Shut Down	Unit has been depleted of all backup power and must be recharged before it can be used again.
Unit is not recharging	Unit is not connected to wall power	Ensure furniture or bed base's transformer is connected to active wall power, and securely inserted into the unit's input port.
	Unit's power level is too high	Unit will only recharge if power is below 80% usable capacity. You can verify unit is at full charge by pressing and holding LED power level wake button, while unit is connected to active wall power.
	Unit was not maintained	If the unit has been left idle without any use or recharge for 6+ months, the unit may no longer be functional. Unit must be properly recycled. Do not discard with regular household waste.

LIMITED WARRANTY

This battery backup is covered under a 1-year limited warranty. Proof of purchase is required. For complete warranty information, please visit <https://www.enouvation.com/warranty-claims> or call (213) 320-3265 to request a written copy of the full warranty terms promptly and free of charge.

For additional questions, concerns, or in the unlikely event you need to file a claim, our US-based Customer Care Team is standing by. Enouvation Customer Care can be reached via email, phone, or web. For prompt service, please have the following available and ready to share:

1. Original invoice showing purchase date.
2. Clear picture of the unit's serial number marked with a QR code.
3. Photos and /or model name and name of manufacturer of the furniture or bed base.
4. The buttons or controllers that operate the motion features of the furniture or bed base.

To reach Customer or Technical Support:

Visit **[enouvation.com/contact-us](https://www.enouvation.com/contact-us)**,

Call **(213) 320-3265**, or

Email **customercare@enouvation.com**