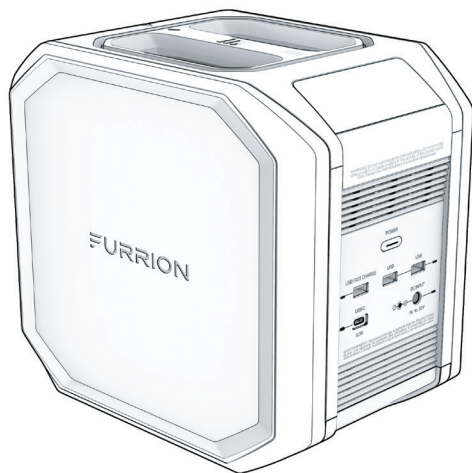


Furion ePod™ Power Station

User Manual

**Model: FPP04A40-BL
FIVSPB40A-BL
FIVSP40A-BL**



* Picture shown here is for reference only.



[https://furion.com/pages/
downloads-energy](https://furion.com/pages/downloads-energy)

- * To view the multi-language user manual, please access the link or scan the QR code.
- * Pour obtenir le manuel d'utilisateur multilingue, accédez au lien ou scannez le QR code.
- * Para ver el manual de usuario en otros idiomas, acceda al siguiente enlace o escanee el código QR.

Thank you and congratulations for purchasing this Furrion® product. Before operating your new product, please read these instructions carefully. This user manual contains information for safe use, installation and maintenance of the product.

Please keep this user manual in a safe place for future reference. This will ensure safe use and reduce the risk of injury. Be sure to pass on this manual to new owners of this product.

The manufacturer does not accept responsibility for any damages due to not observing these instructions.

If you have any further questions regarding our products, please contact us at **support@furrion.com**

Supplier’s Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier:

Trade Name: FURRION
Model Number: FIVSP40A-BL

Responsible Part---U.S. Contact Information

Furrion Innovation Center & Institute of Technology
52567 Independence Ct., Elkhart, IN 46514, USA
Toll free: 1-800-789-3341;
Email: support@furrion.com

FCC Compliance Statement (for products subject to Part 15):

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Important Safety Instructions

General Safety Instructions

WARNING

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

WARNING

RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY.

WARNING: When using this product, basic precautions should always be followed, including the following:

- Read all instructions and safety precautions before using the product.
- Keep out of reach of children. To reduce the risk of injury, close supervision is necessary when the product is used near children.
- Failing to operate the battery or power station in accordance to this manual may damage internal components and will void the warranty.
- Damage to internal components may result in electrical shock, chemical burn, outgassing, fire, or explosion causing personal injury or damage to other devices.
- Do not allow internal battery materials to come in contact with skin or eyes. If exposed to internal battery materials seek medical attention immediately and flush area with clean lukewarm water without interruption or as instructed by medical professionals.
- Do not modify or disassemble the battery or the power station; there are no user-serviceable parts inside.
- Do not use power sources or attachments that are not approved by Furrion®.
- To reduce risk of damage to the adapter cables and charging ports, pull cables by the plug end when disconnecting the power station. Do not operate the power station with damaged adapter cables.
- Do not drop or subject the product to strong mechanical shock.
- Do not expose the product to moisture, water, rain, snow, or spray.
- Keep the product clean and dry. Unplug the product before cleaning. Use a clean dry cloth to clean battery or power station terminals if they become dirty.
- Do not allow foreign objects or conductive materials such as keys or fingers to come in contact with the positive and negative terminals on the battery or power station. Doing so may cause a short circuit.
- Always unplug charging cables from power station prior to removing battery.
- Ensure that battery is fully inserted in power station and charging cords are connected properly before attempting to charge or discharge.
- Do not expose the product to excessive heat or fire above 158°F (70°C) and avoid storage in direct sunlight.

- The product may become warm, up to 104°F (40°C), during extended high-power operation. During operation, keep the product away from materials that may be affected by these temperatures.
- Disconnect the ePod from power source after more than 48 hours when not in use. After extended periods of storage, up to 6 months, it is recommended to fully discharge and charge the battery several times to optimize performance.
- Do not allow the ePod or any other connected devices to exceed the rated current, voltage, or power indicated in this manual and at the AC/DC sockets.
- Dispose of battery in accordance with local regulation. Contact your local waste management office for information on proper battery recycling or disposal.
- The product must be stored indoors and protected from the elements.
- Do not block the air vents of the product. Keep a clearance of at least 1" (2.5cm) on the left and right side.

SAVE THESE INSTRUCTIONS

Regulation and Standards

Prop 65 Declaration

 **WARNING:** Reproductive Harm - www.P65Warnings.ca.gov

FCC Statement

Unique Identifier	FIVSP40A-BL
Responsible Party	Furion Innovation Center & Institute of Technology
U.S. Contact Information	52567 Independence Ct., Elkhart, IN 46514, USA
Telephone Number	1-800-789-3341

FCC Compliance Statement

1. This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
 - (1) this device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if

not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Canada IC Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

- This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.
- This Class B digital apparatus complies with Canadian CAN ICES-3(B) / NMB-3(B) standard.

Correct Disposal of Product

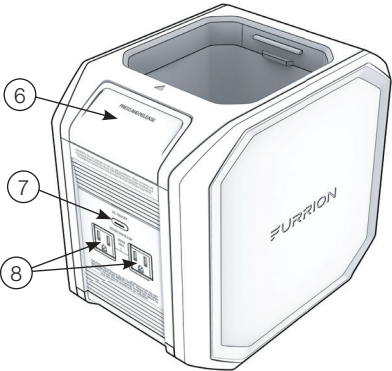
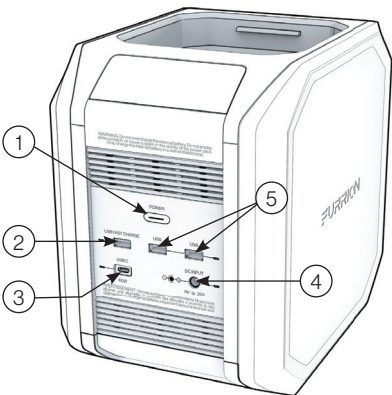
To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle the battery responsibly to promote the sustainable reuse of material resources. To return your used product, please use the return and collection systems or contact the retailer where the product was purchased. They will help inform the best way to deal with the product in an environmentally safe way.



Do not dispose of used batteries with your household waste. Take them to an appropriate disposal/collection site.

Product Overview

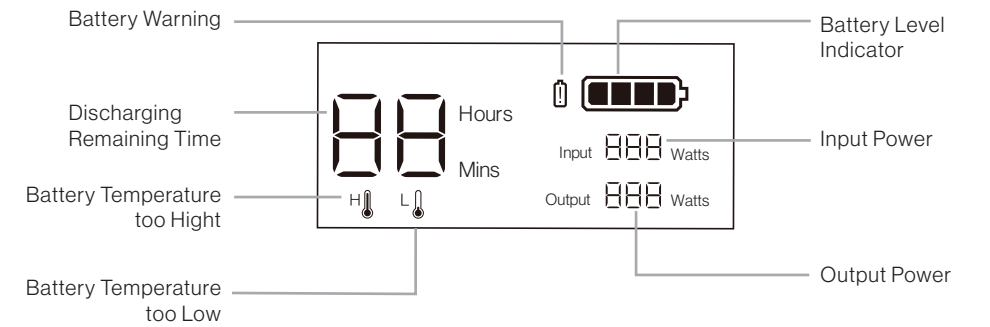
Furrion ePod™ Power Station



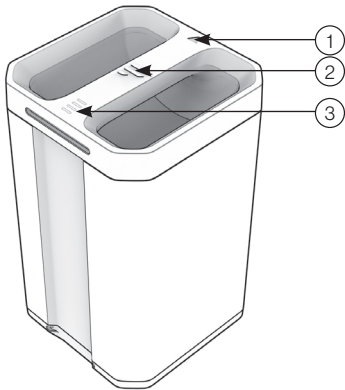
Item	Part Name
①	POWER Button
②	USB Fast Charge Output Port (5V/3A, 9V/2A, 12V/2A, max. 24W)
③	USB C Output Port (5V/3A, 9V/3A, 15V/3A, 20V/3A, max. 60W)
④	DC INPUT Socket (11 – 22Vdc, max. 8A, max. 100W)

Item	Part Name
⑤	USB Output Ports (5V/2.4A each, max. 24W)
⑥	Battery PRESS AND RELEASE Button
⑦	AC ON/OFF Button
⑧	AC Output Sockets (120Vac, 60Hz, max. 400W)

Display



Furrion ePod™ Battery



Item	Part Name
①	Alignment Icon
②	Touch Sensor 
③	Battery Level Indicator

What's in the Box

Make sure you have all the following items included in the packaging. If any item is damaged or missing, contact your dealer or Furrion® customer service.



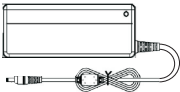
Furrion ePod™ Power Station x 1



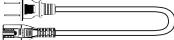
Furrion ePod™ Battery x 1
(FPP04A40-BL only)



User Manual x 1
Warranty Manual x 1



Power Adapter x 1
(FPP04A40-BL & FIVSPB40A)



Cigarette Lighter Cable x 1
(FPP04A40-BL & FIVSPB40A)



US Type Power Cord x 1
(FPP04A40-BL & FIVSPB40A)

Operation

Before First Use

- Remove all packaging materials.
- Check the product for transport damages.

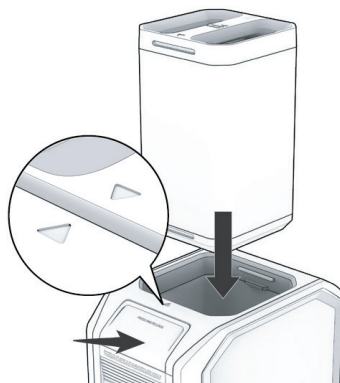
NOTE: To maximize the performance of the battery, we recommend to fully charge it prior to first use.

Inserting/Removing the Furrion ePod™ Battery (if included)

NOTE: Before installing/removing the battery, turn off the product and disconnect all adapter cables.

To correctly insert the battery into the power station:

1. Make sure the triangle alignment icons on the battery and on the power station are aligned.
2. Fully insert the battery into the power station.
3. Make sure the **PRESS AND RELEASE** button on the power station is latched on the battery locking mechanism.



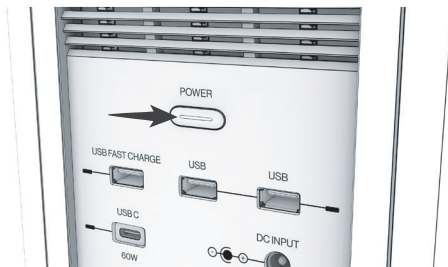
To remove the battery from the power station:

Press the **PRESS AND RELEASE** button on the power station and pull upwards on the battery handle to remove the battery.

Turning On/Off

Press the **POWER** button for 3 seconds to turn the product on or off. The LED on the **POWER** button will light up when the product is turned on.

NOTE: The ePod Power Station will automatically turn off when the AC power is off and there is no DC load (each USB port is <0.5W) for 20 minutes.

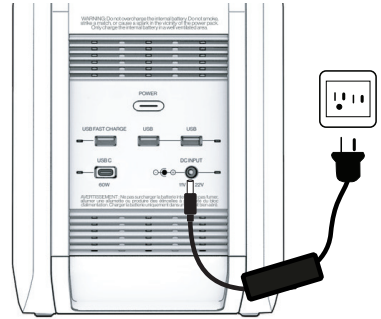


Charging

Charging with the AC Adapter

NOTES:

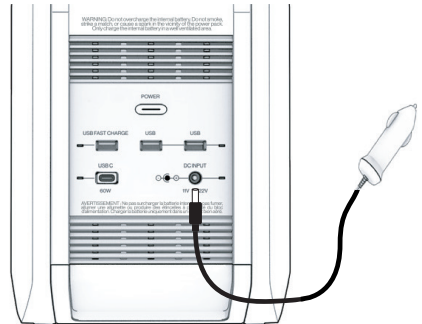
1. The product should only be charged with a compatible Furrion® AC adapter.
2. A full charging cycle with the power adapter takes approx. 7 hours.



Charging with the Cigarette Lighter Cable

NOTES:

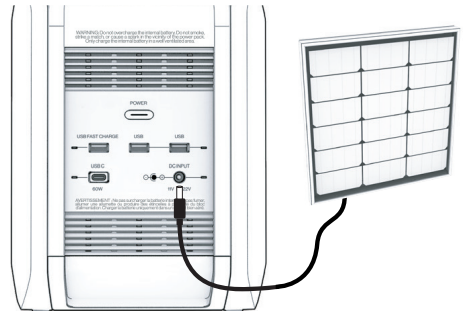
1. The product should only be charged with a compatible Furrion® cigarette lighter cable and a rated 12V automotive receptacle.
2. A full charging cycle with the cigarette lighter cable takes approx. 7.5 hours.



Charging with the Solar Panel

NOTES:

1. When charging the product with solar panel, the solar panel should be within below specifications:
 - Open Circuit Voltage < 24Vdc
 - Short Circuit Current < 8A
 - Power < 100W
2. The product should only be charged with a compatible Furrion® solar panel such as the 100W Kickstand model (FSPK10MWN-BL, sold separately). See separate product user manual for further details.
3. When using the Furrion® solar panel, the charging time can vary depending on the sunlight irradiance.

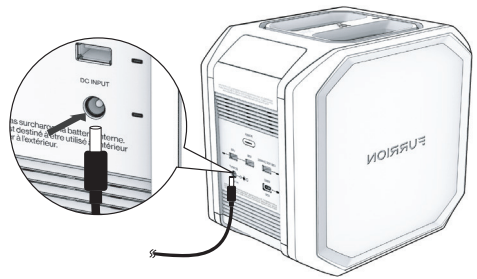


- The minimum charging time takes approx. 7.5 hours. The charging time may vary depending on the weather condition and the placement of the solar panel.

Checking the Battery Level while Charging

The product can be powered continuously by the AC adapter, the cigarette lighter cable, or a portable Furrion solar panel (not included).

During the charging process, the battery level indicators on the handle and display will flash slowly corresponding to the following battery percentages:



Directly on the Handle	
Indicator	Battery Level
	91 – 100%
	76 – 90%
	51 – 75%
	26 – 50%
	≤ 25%

On the Display	
Indicator	Battery Level
	91 – 100%
	76 – 90%
	51 – 75%
	26 – 50%
	≤ 25%

Discharging

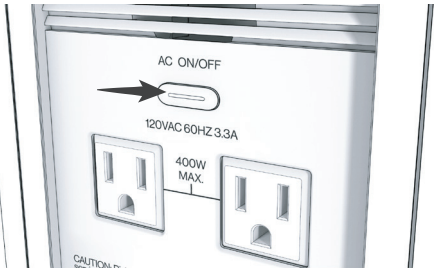
DC Output

The power station provides 4 x USB DC output ports:

- USB Output Ports x 2
- USB Fast Charge Output Port x 1
- USB C Output Port x 1

Connect an external device to the desired USB compatible USB cable (not included) to start specifications of the external device to ensure power rating on the corresponding USB port

AC Output



The power station includes 2 AC output sockets with 120Vac, 60Hz power for off-grid use in the outdoors or as a household backup power source. Connect an external device to either of the AC output sockets.

Check the specifications of the AC devices to ensure that their combined current or power does not exceed the rating on the corresponding AC output sockets.

To activate the AC sockets:

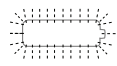
Press the **POWER** button for 3 seconds to turn the product on, then press and hold the **AC ON/OFF** button for 1 second. The LED on the **AC ON/OFF** button will turn on. If the product is powered off, the **AC ON/OFF** button can not be turned on.

To deactivate the AC sockets:

Press and hold the **AC ON/OFF** button for 1 second. The LED on the **AC ON/OFF** will be turned off.

Checking the Battery Level while Discharging

Touch the  logo on the battery handle to turn on the battery level indicator LED light for 10 seconds. The 4 battery level indicator on the handle and display correspond to the following battery percentages:

Directly on the Handle		On the Display	
Indicator	Battery Level	Indicator	Battery Level
	76 – 100%		76 – 100%
	51 – 75%		51 – 75%
	26 – 50%		26 – 50%
	11 – 25%		11 – 25%
 Red blink	0 – 10%		0 – 10%

Examples of Compatible Devices

AC Sockets	USB
AC output (both sockets together): 120Vac, 3.3A, 60Hz, 350W continuously, max. 400W for 30 minutes Example devices: Notebook computer, compact refrigerator, lights, fan, etc.	DC output: 5V/2.4A each, 24W max. Example devices: Smartphone, tablet, rechargeable camera batteries
USB Fast Charge	USB C
DC output: 5V/3A, 9V/2A, 12V/2A, 24W max. Example devices: Quick-Charge 3.0 compatible smartphones and tablets NOTE: Check the specifications of your DC device to ensure that it is compatible with a USB fast charger.	DC output: 5V/3A, 9V/3A, 15V/3A, 20V/3A, 60W max. Example devices: USB C compatible notebook computers

Power Usage Examples

Household Appliances		Recreational Gear	
Device	Charging Cycles/ Operating Time	Device	Charging Cycles/ Operating Time
Light (100W)	2+ hours	GoPro™ (5Wh)	57+ times
Fan (18W)	16+ hours	Camera (16Wh)	18+ times
Portable AC (150W)	1+ hours	Projector (30–60W)	4.8–9.6 hours
Wi-Fi Router (12–15W)	19-24 hours	Nintendo Switch™ (16Wh)	18+ times
Electric Drill (100–150Wh)	1–2 times	Amp (20W)	14 hours
		Drone (60–70Wh)	4 times
		Furriion eRove™ (60W)	4+ hours
Communication Devices		Emergency Tools	
Device	Charging Cycles	Device	Operating Time
Watch (1Wh)	288+ times	Immersion Heater (300W)	0.9+ hours
Phone (10Wh)	28+ times	Heating Blanket (206W)	1+ hours
Tablet (30Wh)	9+ times	CPAP (40W)	7+ hours
Laptop (65Wh)	4+ times	Water Pump (120–300W)	0.9–2.4 hours
Portable Monitor (36W)	8+ times	Furriion eRove™ (60W)	4+ hours
Projector (45W)	6+ times		

Care and Maintenance

Cleaning Instructions

- Disconnect all external devices from the product.
- Turn off the product and disconnect it from the power supply.
- Use clean dry cloth to clean battery or power station terminals if they become dirty. Do not allow battery terminals or sockets to get wet.

NOTE: Do not use cleaners containing corrosive and abrasive materials (such as scouring powder, bleach, soap powder, alkaline cleansers, benzene, gasoline, acid, water, etc.) to clean the product.

Storage Instructions

- After extended periods of storage, up to 6 months, it is recommended to fully discharge and charge the battery several times to optimize performance.
- Unplug the product from power source and remove the battery from the power station before prolonged storage.
- Store the product in a cool dry location, not accessible to children or pets.
- Store the product indoors.

Technical Specifications

Furrion ePod™ Battery	
Weight	9 lb (4.1kg)
Dimensions	5.55" x 5.55" x 9.48" (141 x 141 x 241 mm)
Operating Temperature	32 to 104°F (0 to +40°C)
Storage Temperature	-4 to 140°F (-20 to +60°C)
Cell Chemistry	Lithium-ion
Pack Capacity	412Wh
Battery Voltage	14.4Vdc
Life Cycles*	500 @RT 77°F (25°C), charge & discharge with 0.2C
* Maintaining over 70 % of original capacity.	

Furrion ePod™ Power Station	
Weight	10.6 lb (4.96 kg) (without Furrion ePod™ Battery)
Dimensions	11.41" x 7.36" x 10.31" (290 x 187 x 262 mm)
Operating Temperature	32 to 104°F (0 to +40°C)

Output Type and Power	Rated Output Power	350W continuous/400W max.(30Mins)/800W surge
	AC Output Socket	NEMA 5-15R, AC 120V, 60Hz, 400W max.
	USB C Output Port	5V/3A, 9V/3A, 15V/3A, 20V/3A, 60W max.
	USB Fast Charge Output Port	5V/3A, 9V/2A, 12V/2A, 24W max.
	USB Output Port (x2)	5V/2.4A each, 24W max. total
Input Type and Power	DC Inlet	DC jack 6.5 x 3.0mm 
	DC Input	11 - 22 Vdc, max. 8A, 100W max.
Power Adapter	Input	100–240Vac
	Output	19Vdc, 4.74A
Cigarette Lighter Cable	Input	11 - 22 Vdc
	Current Rating	8A max.

Troubleshooting

Problem	Possible Cause	Solution
Battery does not charge	The AC adapter is not connected or not connected well.	Make sure the AC adapter cable is properly connected to the power station.
	Damaged AC adapter.	Contact Furrrion to purchase a new AC adapter.
	Attempting operation outside of the operating temperature range.	Place the product in ambient temperatures of 32°F to 104°F (0 to +40°C).
	Charging stops due to fault in circuit.	Stop charging immediately and contact the retail store or Furrrion customer service center.
	The battery is has not been fully inserted into the power station.	See " Inserting/Removing the Furrrion ePod™ Battery " on page 8 - Information for correctly inserting battery into the power station.
	Stored over a longer period of time.	Charge the battery every 6 months.
	Battery reached the end of its service life.	Dispose of properly and order a replacement Furrrion ePod™ Battery.
	Input power, current, or voltage is outside of the charging parameters of the ePod power station.	Make sure that the power supplier connected to the DC input socket is less then 100W, 8A, and between 10.5-24Vdc.

Problem	Possible Cause	Solution
No AC output	AC plug is not plugged into outlet properly	Confirm that the plug is inserted properly into the socket.
	Damaged AC power adapter/cord or device.	Replace AC device or AC charging cord if necessary. Make sure your AC powered device is not damaged.
	Over-current protection stops output power.	Reduce the power draw from the load and/or remove powered devices. Restart AC output by pressing the AC ON/OFF button for 1 second.
	AC electric power is less than 10W.	Increase power draw from devices and/or add devices. Restart AC output by pressing the AC ON/OFF button for 1 second.
USB devices are not charging	Incompatible USB cable or damaged device.	Replace with a new compatible USB cable. Check and make sure your USB powered device is not damaged.
	Device is using power faster than gaining it.	Turn on power-saving mode or turn your device off while it is charging.
	DC connection is loose.	Confirm that USB cables are inserted properly into USB output ports with proper connection.
	USB cable is worn or damaged.	Replace with a new compatible USB cable.
	Furion ePod™ Power Station has been turned off.	Press the POWER button for 3 seconds to turn on the Furion ePod™ Power Station.

When charging while in use (if in low battery mode), it is possible to discharge the battery faster than it can charge. Refer to the following chart, should a similar problem occur.

Problem	Possible Cause	Solution
No AC output and "Lo" flashing 10 seconds on the LCD	The battery is low to power the AC device.	Keep charging until the AC can be powered on.
No DC output "Lo" icon displayed on the LCD	The battery is drained.	Keep charging until the "Lo" icon disappeared.

NOTE:
Ambient temperature can also affect the charging rate characteristics of the battery.



Furrion Innovation Center & Institute of Technology

- 52567 Independence Ct., Elkhart, IN 46514, USA ● Toll free: 1-800-789-3341
- Email: support@furrion.com

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Follow proper safety practices. If in doubt, consult a professional RV technician.