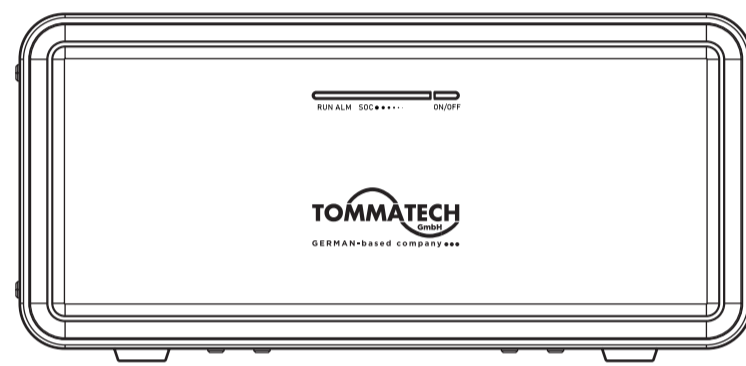




## BTRY-MGI-V-2400W-PLS

Extra battery Instruction Manual



Attention! Please read this manual carefully before using this product.

### Main Power Button

Short press the Button to turn on  
Long press 2s to power off

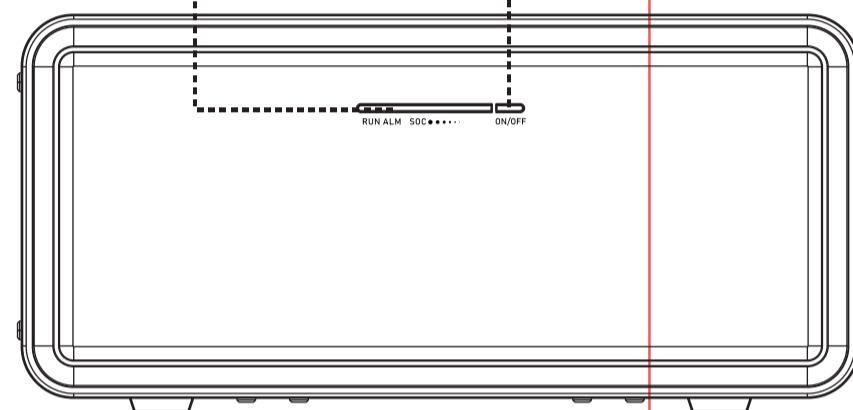
### Input

42-50.4V/2000W Max.

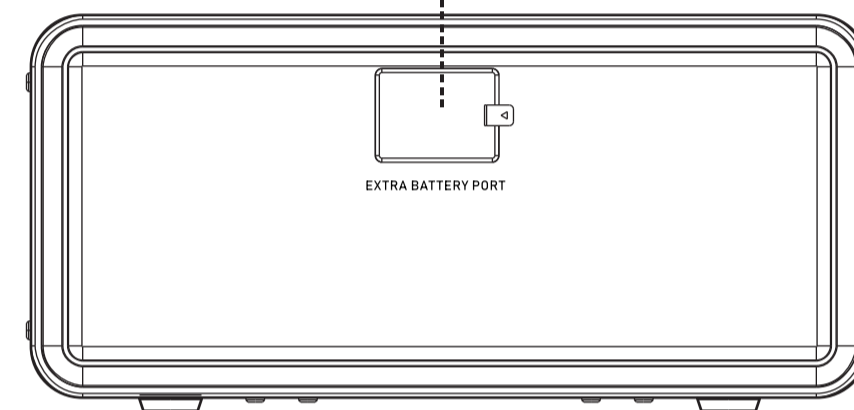
### Output

42-50.4V/2400W Max.

Extra battery indicator Main Power Button



Extra battery port



\*Both output and input power depends on MGI-V-2400W-PLS

### Important safety information

- Do not use the product near a heat source, such as a fire source or a heating furnace.
- Avoid contact with any liquid. Do not immerse the product in water or get it wet. Do not use the product in rain or humid environments.
- Do not use the product in an environment with strong static electricity/magnetic fields.
- Do not disassemble the product in any way or pierce the product with sharp objects.
- Avoid using wires or other metal objects that may result in a short circuit.
- Do not use unofficial components or accessories if you need to replace any components or accessories, please visit official channels to check relevant information.
- When using the product, please strictly follow the operating environment temperature specified in this user manual. If the temperature is too high, it may result in a fire or explosion; if the temperature is too low, the product performance may be severely reduced, or the product may cease to work.
- Do not stack any heavy objects on the product.
- Do not lock the fan forcibly during use or place the product in an unventilated or dusty area.
- Please avoid impact, falls, or severe vibrations when using the product. In case of a severe external impact, turn off the power supply immediately and stop using the product. Ensure the product is well fastened during transportation to avoid vibrations and impacts.
- If you accidentally drop the product into water during use, please place it in a safe open area, and stay away from it until it is completely dry. The dried product should not be used again, and should be properly disposed of according to Section "Disposal Guide" below. If the product catches fire, we recommend that you use the fire extinguishers in the following order: water or water mist, sand, fire blanket, dry powder, and finally a carbon dioxide fire extinguisher.
- Use a dry cloth to clean off dirt on the product parts.
- Rest the product on a flat surface to avoid damages caused by the product falling over. If the product is overturned and severely damaged, turn it off immediately, place the battery in an open area, keep it away from combustible matter and people, and dispose of it in accordance with local laws and regulations.
- Ensure that the product is kept out of reach of children and pets.

#### Disposal Guide

- If conditions permit, make sure that the battery is fully discharged before disposing it in a designated battery recycling bin. The product contains batteries with potentially dangerous chemicals, so it is strictly prohibited to dispose of it in ordinary trash cans. For more details, please follow the local laws and regulations on battery recycling and disposal.
- If the battery cannot be fully discharged due to a product failure, please do not dispose of the battery directly in the battery recycling bin. In such case, you should contact a professional battery recycling company for further processing.
- Please dispose of over-discharged batteries that cannot be recharged.

### Specifications

Capacity	Weight	Dimension	Input	Output	Battery Cell	Certificate
2400Wh (5000mAh/48V)	19.7kg	459*299*152mm	2000W Max.	2400W Max.	LiFePO <sub>4</sub> Battery	CE RoHS

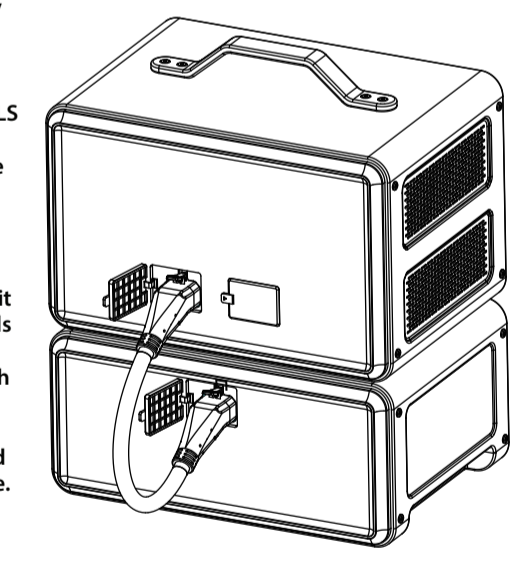
Cycle times	Storage Temperature	Operation Temperature	Charging Temperature	Protect system
4000times	-10-55°C	-10-50°C	0-50°C	Overcharge protection, Over-discharge protection, Overcurrent protection, Over temperature protection, Short circuit protection, Overvoltage protection.

### Use Instructions

- How to use it**
- BTRY-MGI-V-2400W-PLS Extra Battery should be used with MGI-V-2400W-PLS, it cannot be used separately.
  - Short press the Main Power Button to turn on the product, the indicator will light up. The product enters sleep mode after 5 minutes of idle operation, the indicator will automatically turn off. When the product senses any load change or operations, the indicator will automatically light up. To turn the indicator on or off, please short press the Main Power Button.
  - To power off the product, press and hold the Main Power Button. The default product standby time is 2 hours. With other Power Buttons turned off and no other load access for 2 hours, the product will automatically shut down.

### Use Instructions

- For use along with MGI-V-2400W-PLS BTRY-MGI-V-2400W-PLS Extra Battery can be used with MGI-V-2400W-PLS. A MGI-V-2400W-PLS can support up to two BTRY-MGI-V-2400W-PLS Extra Battery to meet more extensive capacity requirements. Please carefully read the following notes before using:
  - Before connecting the Extra Battery to the MGI-V-2400W-PLS, please make sure to power off the MGI-V-2400W-PLS and BTRY-MGI-V-2400W-PLS Extra Battery.
  - After connecting the BTRY-MGI-V-2400W-PLS Extra Battery to MGI-V-2400W-PLS, you need to make sure that the Extra Battery icons appear on both the BTRY-MGI-V-2400W-PLS Extra Battery and the Extra Battery LED screen. Charge or discharge the BTRY-MGI-V-2400W-PLS Extra Battery after you have seen both icons.
  - DO NOT connect the BTRY-MGI-V-2400W-PLS Extra Battery to MGI-V-2400W-PLS while discharging or charging; if you need to remove the Extra Battery Cable, please make sure that the BTRY-MGI-V-2400W-PLS Extra Battery and MGI-V-2400W-PLS are both powered off.
  - DO NOT touch the metal Extra Battery Port with your hands or other objects. Gently wipe it clean with a dry cloth when unrelated materials are attached to the metal port.
  - Tightly connect the Extra Battery Cable with MGI-V-2400W-PLS and the BTRY-MGI-V-2400W-PLS Extra Battery. Failing to comply may heat the connection and affect the device's performance or lead to a fire.



**Operating Temperature range:**  
Low temperature may affect the battery capacity of the product. The product can be charged in a temperature range of 0°C-50°C. Charge the product when the temperature is below 0°C. We recommend placing the product in an insulated cooler or other temperature conditions. The product can be used in the temperature range of 0°C-50°C. In order to extend the service life of the battery, it is recommended to use this product in the environment of 20°C to 30°C.

### Warranty and Contact Information

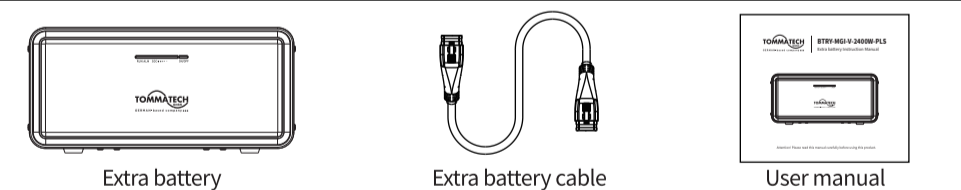
Under normal use of the product, it will not affect the result of defective workmanship and materials used in the product. This warranty period describes the complete and exclusive warranty obligations of the product, and we will not assign or authorize anyone to be responsible for any other products.

warranty period  
Product warranty period of 1 year. In all cases, the warranty period starts from the date of purchase by the consumer. In order to ensure the start date of the warranty period, the consumer needs to provide proof of purchase or other reasonable supporting documents.

The following conditions are not covered by the warranty  
1.The appearance of the product is damaged after use.  
2.Unauthorized disassembly and maintenance of non-professionals.  
3.Performance problems caused by human factors.  
4.Damage caused by natural disasters, lightning Strikes, accidents and other irresistible factors.

How to get warranty service  
You can contact our customer service through our official website or e-commerce platform.  
Thank you for your cooperation!

### Packing list



### Frequently Questions & Answers

#### What is the battery type?

LiFePO<sub>4</sub> Battery

#### Can the product be taken on the aircraft?

No, According to the airline transportation standards, 100Wh capacity of lithium battery can not board the aircraft.

#### How to estimate the working time of the product?

The indicator of this product can help you better understand the working status of the power supply.

#### How to store the product?

Before storing, please turn off the product first, and then store it in a dry, ventilated place at room temperature. Do not place it near water sources. For long-term storage, please discharge the battery to 30% and recharge it to 60% every three months to extend its battery life.

### Chemical Composition of Toxic and Harmful Substances

Part Name	Ca	Pb	Hg	Cd	Cu	Cr	Co	Br	Bi	RoHS
Product	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Q
Circuit board	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
Button	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Q
Shell	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Q
Charging cable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Q
Battery	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Q

Q: The content of hazardous substances in homogeneous materials all components is limit requirement specified in RoHS 2002.  
X: The content of hazardous substance in at least one of the average materials of the part exceeds the limit requirement of RoHS 2002, and there is no mature alternative in the industry at present, which meets the environmental protection requirements of the EU RoHS directive.  
This information for reference purposes only and does not represent a binding agreement. Product (Color, Size, OS, etc.) is in kind prevail.

Zeppeleinstr.14-85748 GARCHINGB.  
MUNCHEN, GERMANY  
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