

## **Growatt Double Voltage Power Hub**



# **GROWATT Double Voltage Power Hub User Guide**

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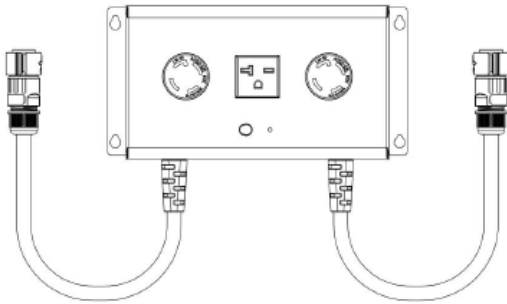
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# **Growatt**

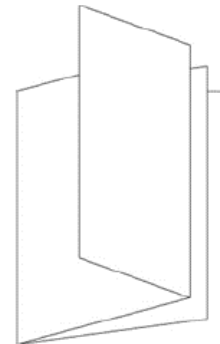
**GROWATT Double Voltage Power Hub**



## PACKAGE CONTENT



Split-phase Connector



User Manual & Quick Start Guide & Warranty Card

## IMPORTANT SAFETY INSTRUCTION

Please read the User Manual carefully before you use the product to ensure that you completely understand the product and can correctly use it. After reading, please keep the User Manual properly for future reference. If you use this product incorrectly, you risk significant injury to yourself or others, as well as product damage and property loss. Once you use this product, you are deemed to have understood, approved, and accepted all the terms and content of this document. Users promise to be responsible for their actions and all consequences arising therefrom. Growatt is not responsible for any damage caused by using the product not by the User Manual. Subject to the laws and regulations, the company reserves the right of final interpretation of this document and all related documents of this product. Please visit Growatt's website for the latest product information. Updated, revised, or terminated without notice. When using this product, it is critical to take the following precautions.

### How to Use

1. Avoid exposing the product to water. Do not immerse the product in water or get it wet. Do not use the product in rain or humid environments, otherwise, the battery may catch fire or explode.
2. The use of unofficial components is strictly prohibited. For replacement, please check the relevant purchase information on the Growatt official website. Growatt is not responsible for product accidents and malfunctions caused by the use of products not officially provided by Growatt
3. Make sure the machine is turned off before installing or unplugging any modules of the machine. Do not unplug

other modules when the machine power is on, otherwise the power interface may be damaged.

4. Do not use the product in an environment of strong static electricity or magnetic field, where abnormal operation may occur. Otherwise, it may cause the product to malfunction or serious damage.
5. If you accidentally drop the product into the air while using it, please stay away from the product and keep it in a safe open area until the product is completely dry. The dried product should not be reused again and should be disposed of properly according to the disposal guide in this manual. If the product catches fire, it is recommended to use fire extinguishing equipment according to the following priorities: water, or fog, sand, fire blanket, dry powder, and carbon dioxide fire extinguisher.
6. Do not use wires or other metal objects to cause product short circuits.
7. Do not stack any heavy objects on the product.
8. If foreign matter is found on the interface, clean it with a dry cloth; otherwise, it will cause poor contact, resulting in energy loss or failure to charge.
9. Please avoid impacting, dropping, or violently vibrating the product. If the product is subjected to severe external impact, please turn off the power immediately and stop using it.
10. When in use, power supply products will generate electromagnetic fields, which are likely to affect the normal operation of medical implants or personal medical equipment such as pacemakers, cochlear implants, hearing aids, and defibrillators, etc. If these types of medical equipment are being used, please contact the manufacturer to inquire about any restrictions on the use of such equipment. These measures are fundamental to ensure a safe distance between the medical implants (for example, pacemakers, cochlear implants, hearing aids defibrillators, etc.) and this product while in use.
11. The operating environment temperature of this product is from -20°C (-4°F) to 45°C(113°F). Temperatures above 45°C(113 °F) can potentially cause batteries to catch fire or even explode, while temperatures below -20°C(-4 °F) can diminish product performance and prevent it from meeting normal use requirements. However, returning to a normal temperature can restore product functionality.
12. To reduce the risk of injury, close supervision is necessary when the product is used near children.
13. Do not put your fingers or hands into the product. DO NOT insert foreign objects into any ports of the machine.
14. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
15. If the unit is used indoors, It is recommended to use it below 2000m above sea level.

## **Storage and Transportation**

1. Keep the product out of the reach of children and pets. If your child accidentally swallows product parts, seek medical help right away.
2. It is prohibited to place the machine near a heat source, such as in a car under direct sunlight, next to a fire source, or a heating stove.

## **FCC**

### **FCC Warning**

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, under part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used per the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## ISED Statement

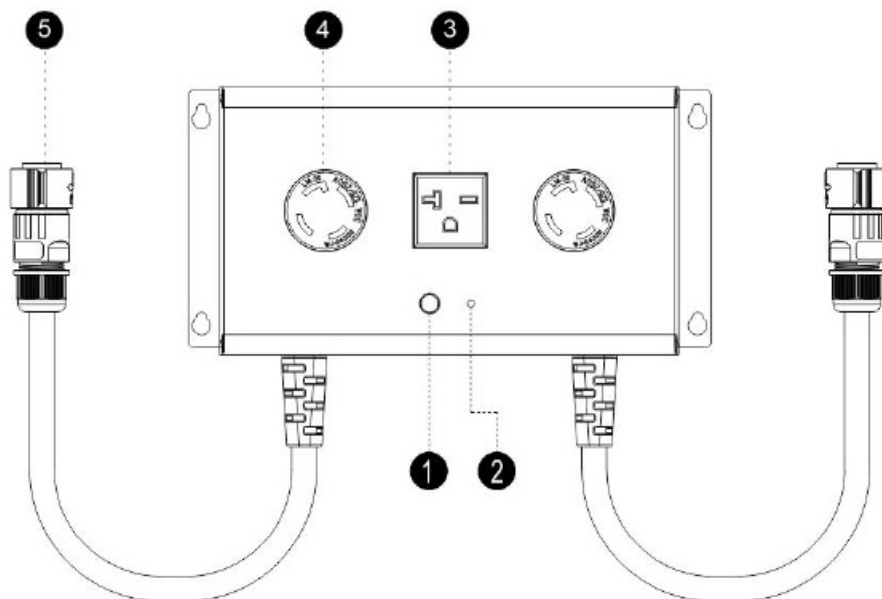
This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s).

### Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-3 (A)/NMB-3(A).

## PORTS AND BUTTONS



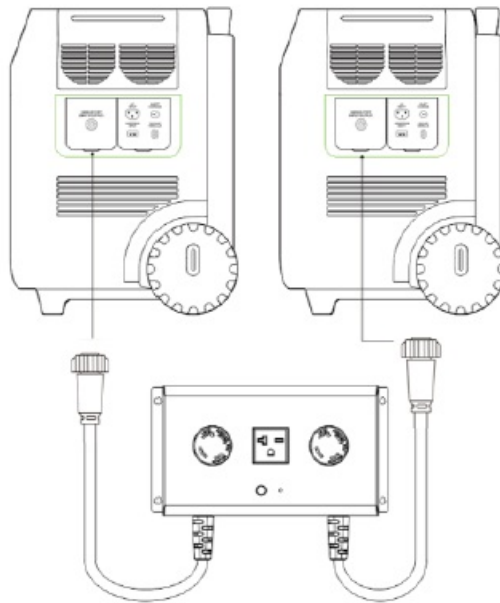
1. Main Power Button
2. Main Power Indicator
3. NEMA 6-20 Output Port

4. NEMA L15-30 Output Port
5. AC Input Port (to GENIUS Port)

## HOW TO USE

Before use, please put the two HELIOS 3600 portable power stations on clean and flat ground to ensure that the machine will not be in contact with liquid or tilted, and check whether there are foreign objects on the body.

1. Make sure the battery level of both HELIOS 3600s is not at 0%.
2. Connect the two cables of the split-phase connector to the GENIUS ports of the two HELIOS 3600 portable power stations respectively.
3. Turn on the main power of both HELIOS 3600s.
4. Press the output power button on the split-phase connector. When the output indicator lights up, the split-phase connector can support AC240Vac output. At this time, your 240Vac loads can be connected to the output ports of the split-phase connectors and can be used.
5. Usage Restriction: When two HELIOS 3600s are connecting to the split-phase connector for 240Vac split-phase output, the AC charging function, the 120Vac and 240Vac output function, and the EPS function of each HELIOS 3600 are all unavailable.
6. Power Description: When two US-version HELIOS 3600s are connected through the split-phase connector to support 240Vac split-phase output, the maximum power of the whole system is 7200W.



## TECHNICAL SPECIFICATIONS

Basic Information	CATIONS
Net Weight	≈1.7kg
Dimensions (L*W*H)	300*350*53mm 11.8*13.8*2.1in
<b>Input</b>	
AC Input	120V~,60Hz,3600W MAX
<b>Output</b>	
NEMA 6-20 AC Outlet	240V~,60Hz,4800W MAX
NEMA L14-30 AC Outlet X2	240V~,60Hz,7200W MAX TOTAL 7200W
<b>Operating Temperature</b>	
Operating Temperature	-20~45°C/-4~113°F
Storage Temperature	-20~45°C /-4~113°F

## FAQ

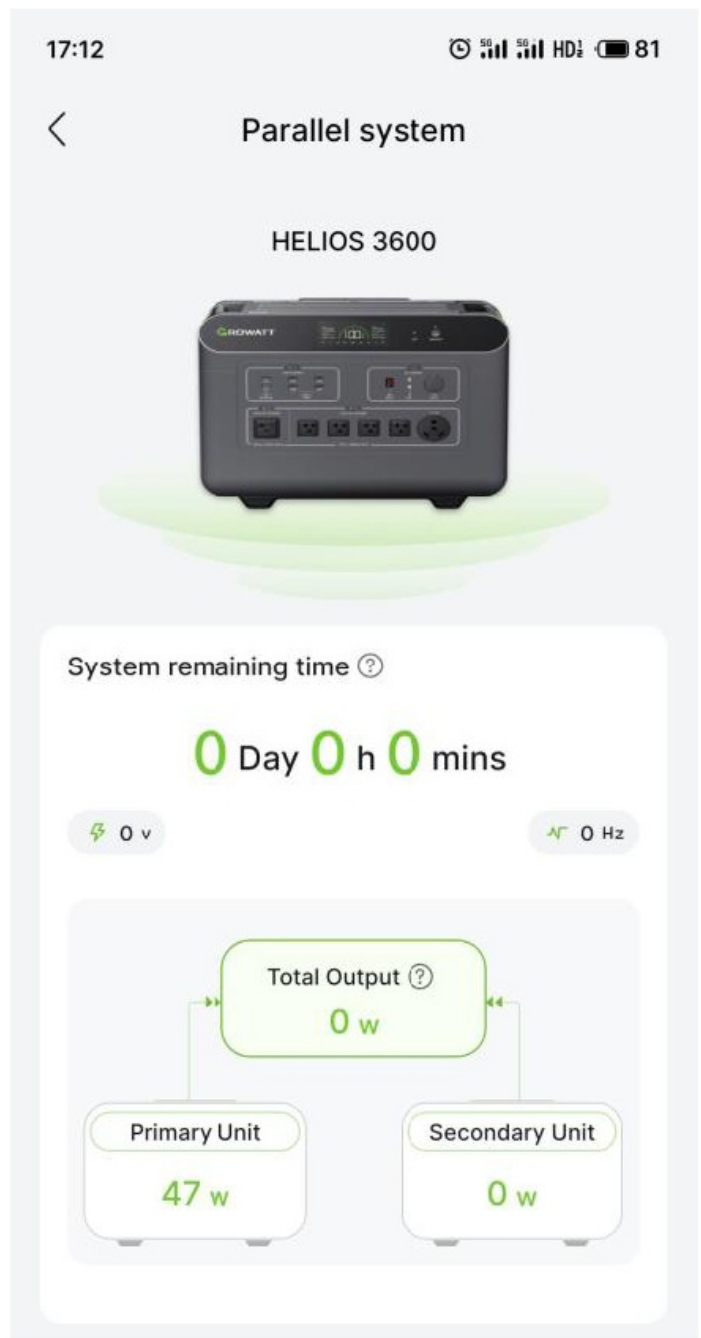
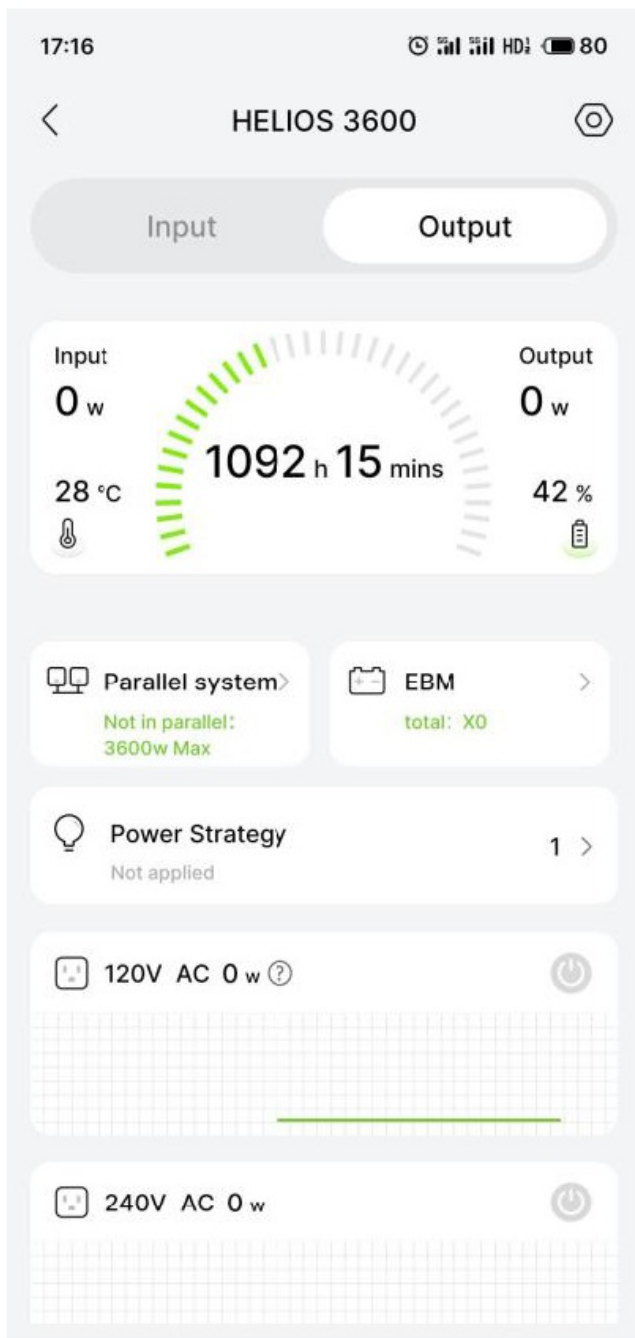
- **Why does the split-phase connector not work properly when the total output power of the device is within the rated power of the split-phase connector?**
  - First, please check whether the battery capacity of each HELIOS 3600 is too low and charge it sufficiently before use. Secondly, check if the surge power usage of the equipment exceeds the surge peak power of HELIOS 3600.
- **How safe is this device?**
  - The split-phase connector supports basic waterproofing, but please do not use it outdoors on rainy days.
- **Can I use a split-phase connector when the system is expanded with HELIOS 3600 expansion batteries?**
  - Yes, you can.

## TROUBLESHOOTING

Problem	Troubleshooting	Solutions
	Check if the load(s) are plugged in properly.	Please make sure the load(s) are in good connection with the
		output port(s).
The split-phase connector is not powering my devices	Please check if the battery is too low.	Please disconnect the split-phase connector from the HELIOS 3600s and charge HELIOS 3600s using the charging cable included in the accessory package.
	None of the problems listed above were discovered,	Contact Growatt Customer Service.
	but it still cannot be loaded.	

## APP FUNCTION

After you successfully connect two Helios 3600s using a split-phase connector, you can connect one of the Helios 3600s through the micro APP, enter the device page, and then click AC Parallel to view the status of the entire system.

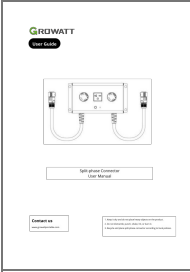


## Contact us at

- [www.growattportable.com](http://www.growattportable.com).

1. Keep it dry and do not place heavy objects on the product.
2. Do not dismantle, punch, shake, hit, or burn it.
3. Recycle and place split-phase connectors according to local policies.

## Documents / Resources

	<p><a href="#">GROWATT Double Voltage Power Hub</a> [pdf] User Guide</p> <p>Double Voltage Power Hub, Voltage Power Hub, Power Hub, Hub</p>
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References

- [G Growatt - Solar Generator & Portable Power Station](#)
- [User Manual](#)

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