

Hoy miles Backup Switch

Quick Installation Guide

HiSwitch-100S-G3
HiSwitch-100S-G3-AU
HiSwitch-63T-G3
HiSwitch-63T-G3-AU

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1 General Declaration

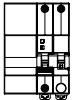
- The information in this guide is subject to change due to product updates or other reasons.
- This guide cannot replace the product labels or the safety precautions in the user manual unless otherwise specified. All descriptions here are for guidance only.
- Before installation, read through the quick installation guide and the user manual to learn about the product and the precautions.
- All installations should be performed by trained and knowledgeable technicians who are familiar with local standards and safety regulations.
- Check the deliverables for the correct model, complete contents, and intact appearance. Contact the manufacturer if anything is damaged or missing.
- Use insulating tools and wear personal protective equipment when operating the equipment to ensure personal safety. Wear anti-static gloves, clothes, and wrist strips when touching electronic devices to protect the inverter from damage. The manufacturer shall not be liable for any damage caused by static electricity.
- Strictly follow the installation, operation, and configuration instructions in this guide and user manual. The manufacturer shall not be liable for equipment damage or personal injury if you do not follow the instructions.
- All cables in this article are copper cables.

	Do not dispose of the device as household waste.		Observe the documentation.
	CE mark. The original EU Declaration of Conformity may be found at https://www.hoymiles.com/ .		

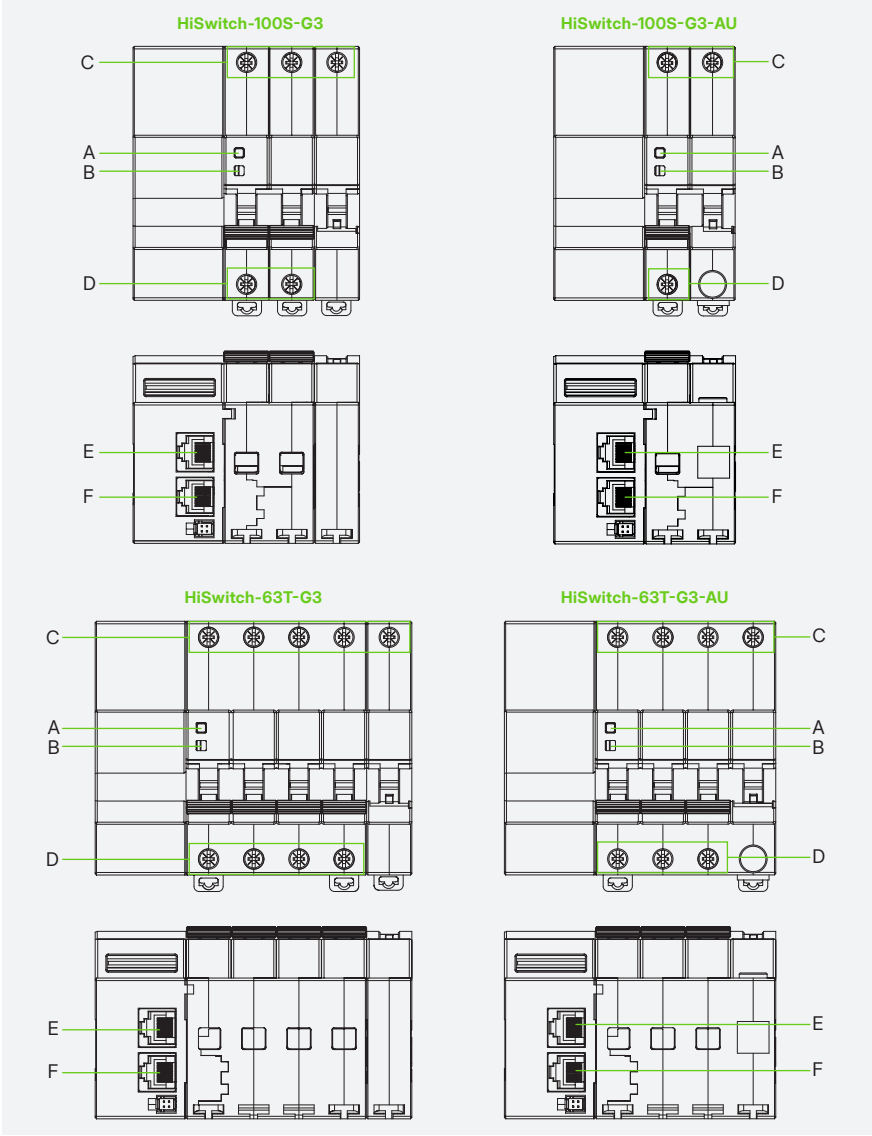
2 Compatible Model

HiSwitch Models	Compatible HiOne Models
HiSwitch-100S-G3	HiOne-(3.6-12)S-G3
HiSwitch-100S-G3-AU	HiOne-(3.6-12)S-G3-AU
HiSwitch-63T-G3	HiOne-(8-20)T-G3
HiSwitch-63T-G3-AU	HiOne-(8-20)T-G3-AU

3 Packing List

 HiSwitch*1	 Certificate of Conformity*1
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4 Appearance



A	Manual Indicator and Button	D	Load & Inverter Terminals
B	Position Indicator	E	Inverter Communication Port
C	Grid Terminals	F	CT Communication Port

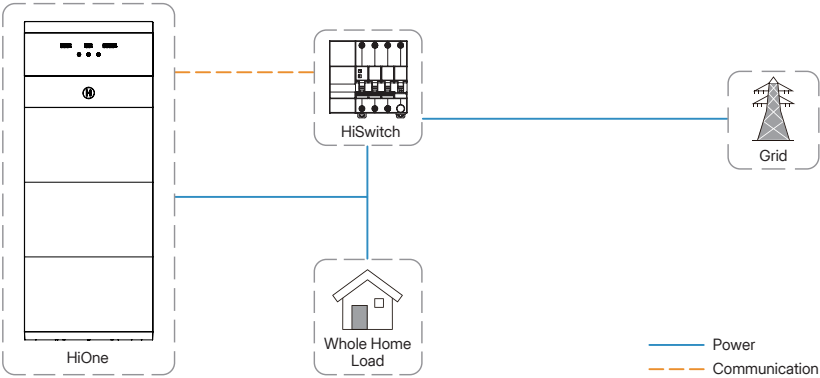
5 LED Indicator

Indicator	Status	Indication
Manual	 Solid blue	Manual mode
	 Off	Auto mode
Position	 Solid green	The circuit breaker is in the OFF position.
	 Solid Red	The circuit breaker is in the ON position.

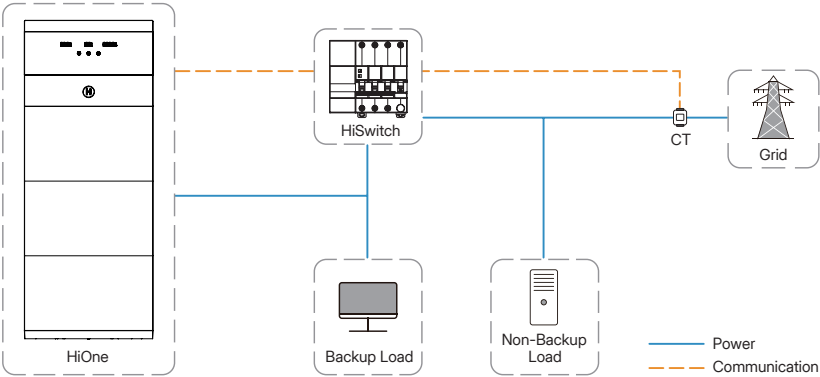
6 Installation and Wiring

- Step 1** Install the HiOne.
- Step 2** Install the HiSwitch on the distribution box.
- Step 3** Complete the system wiring.

Whole Backup System



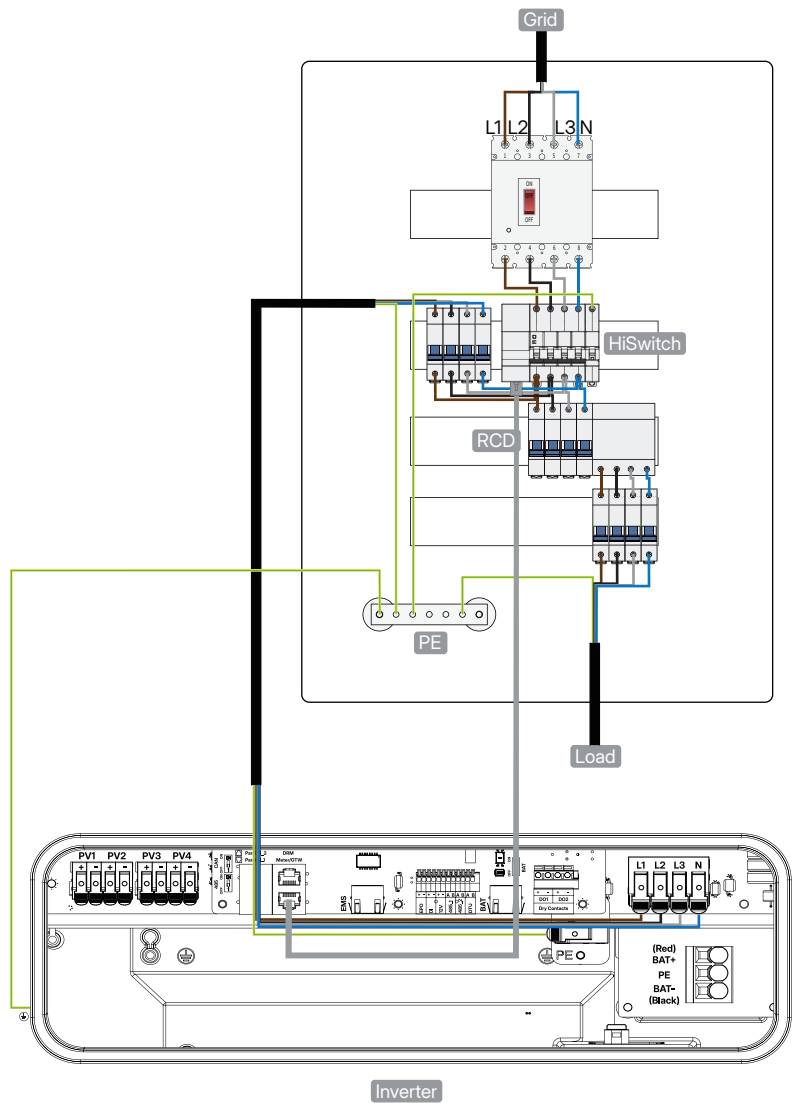
Partial Backup System



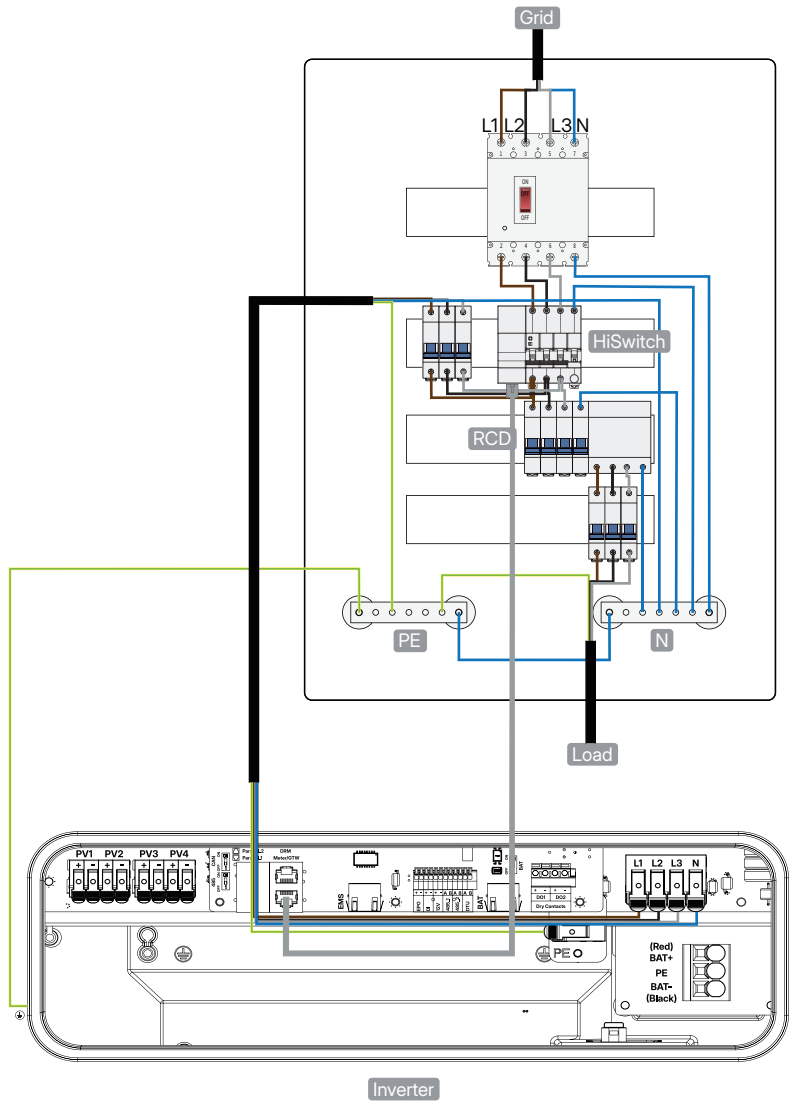
7 System Wiring Diagram

Here, HiSwitch-63T-G3 and HiSwitch-63T-G3-AU are taken as examples.

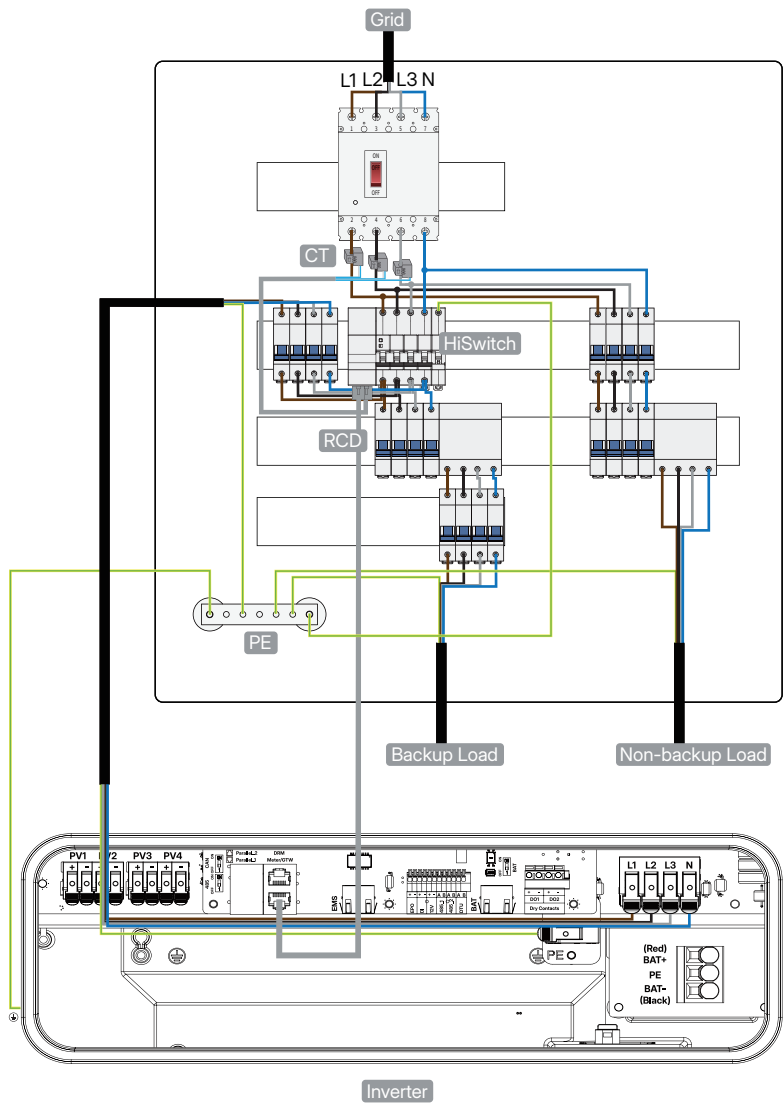
Whole Backup System (HiSwitch-63T-G3)



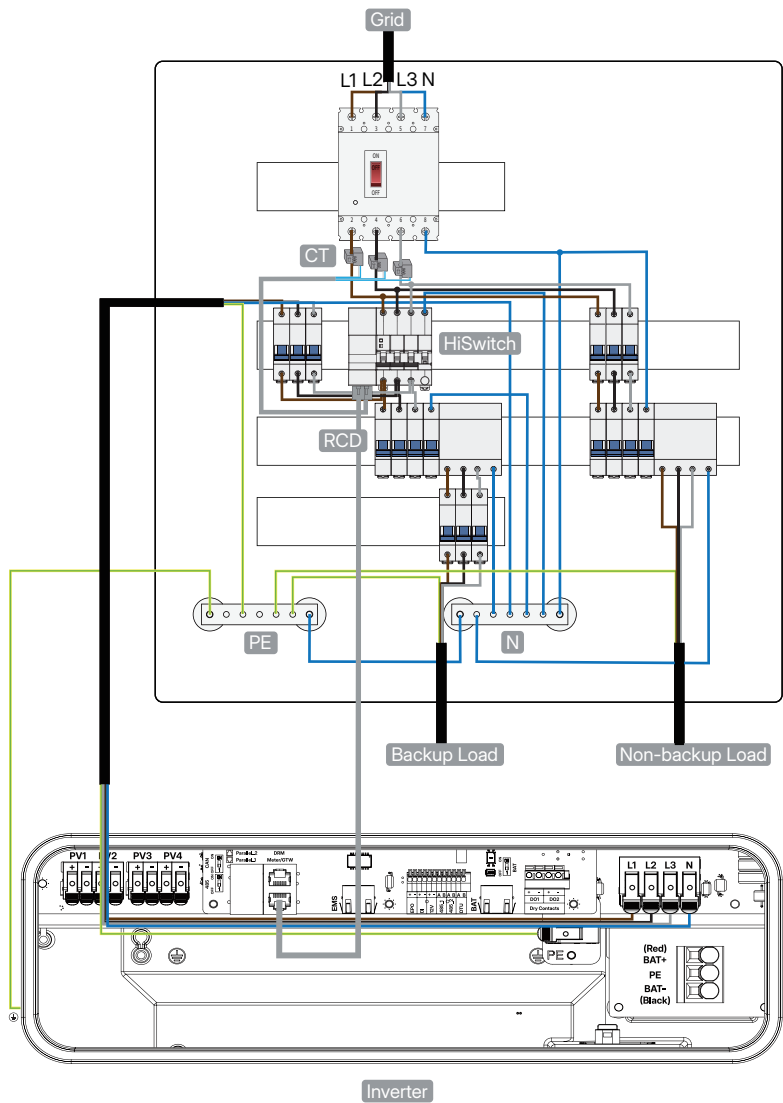
Whole Backup System (HiSwitch-63T-G3-AU)



Partial Backup System (HiSwitch-63T-G3)



Partial Backup System (HiSwitch-63T-G3-AU)

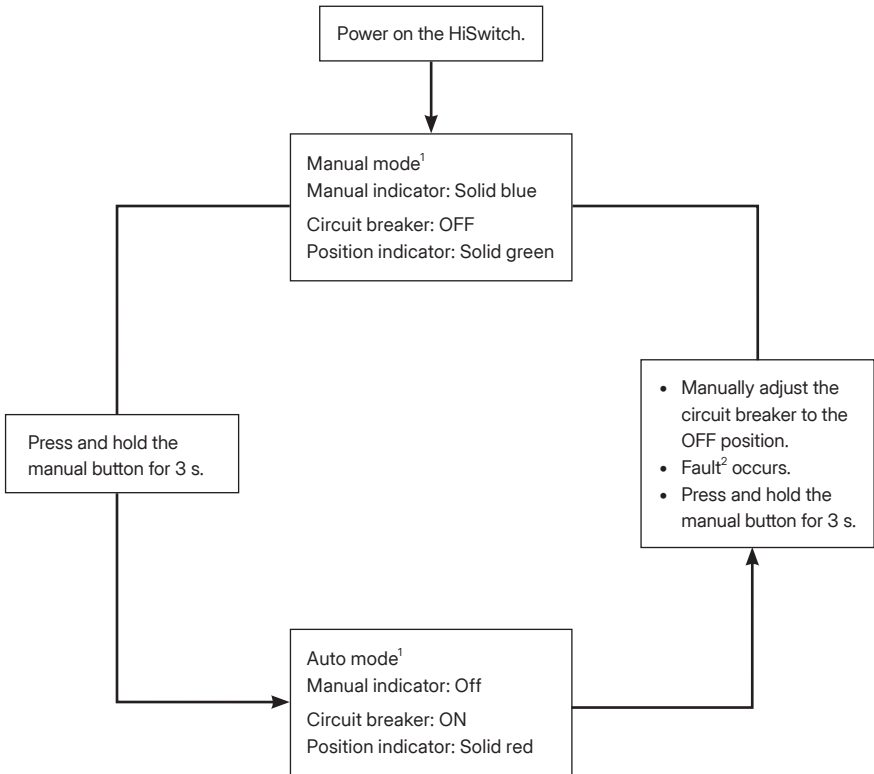


8 Operation

Power On Steps

- Step 1** After confirming that all wiring is correct, turn on the circuit breakers on the grid side, inverter side, and load side.
- Step 2** Press and hold the manual button for 3 s to switch the HiSwitch to the auto mode.
Wait for the manual indicator light to turn off, and the commissioning will be completed. The switch lever will automatically turn to the ON or OFF position according to the system status.

Working Principle



- 1 Manual mode: Ensures household power supply during inverter faults.
Auto mode: Automatically handles transitions between on-grid and off-grid operation.
- 2 Faults include: Overcurrent, short circuit.



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