

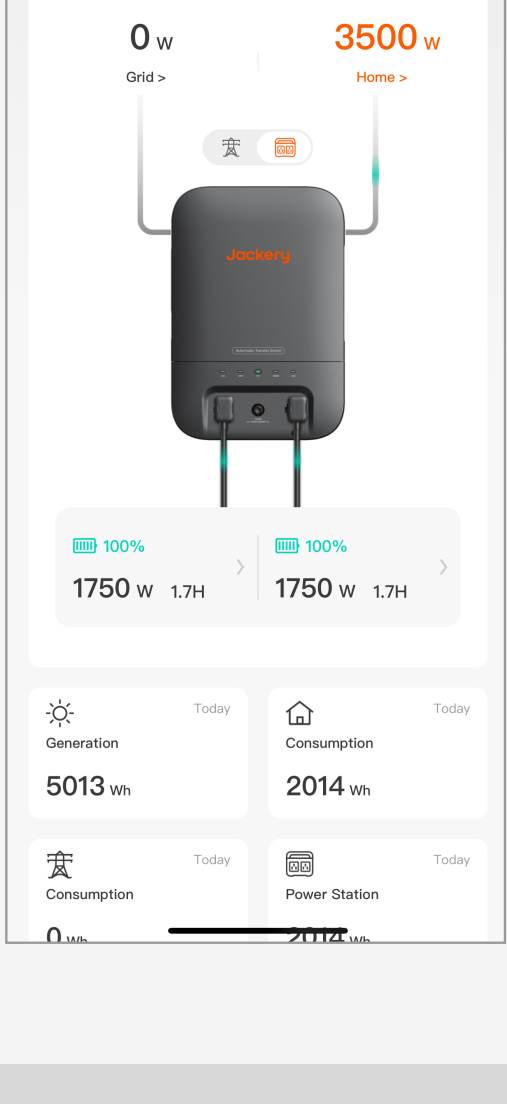
SMART TRANSFER SWITCH

APP QUICK-START GUIDE

CONTENTS

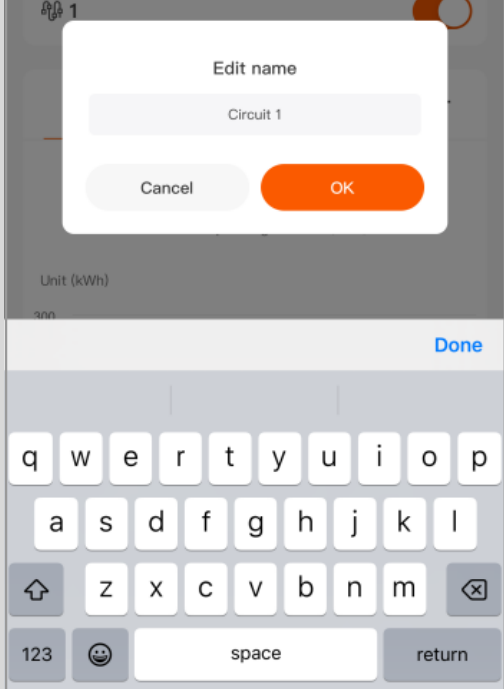
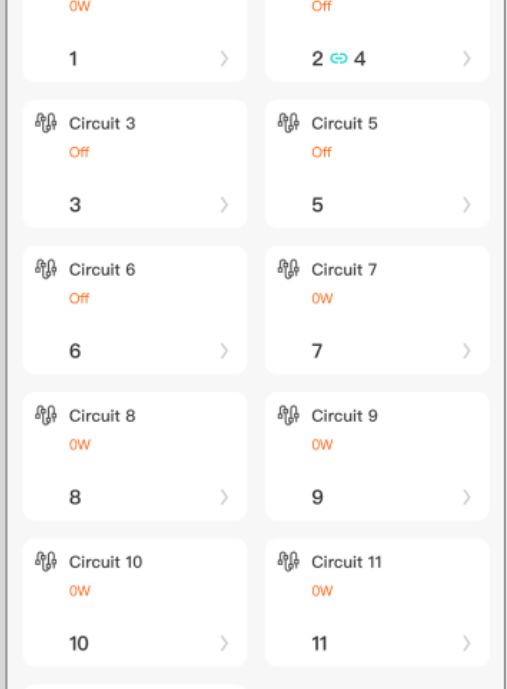
Dashboard	1
Circuits	2
Working Modes	3
Backup-only mode	4
Backup priority	5
UPS mode	6

Dashboard



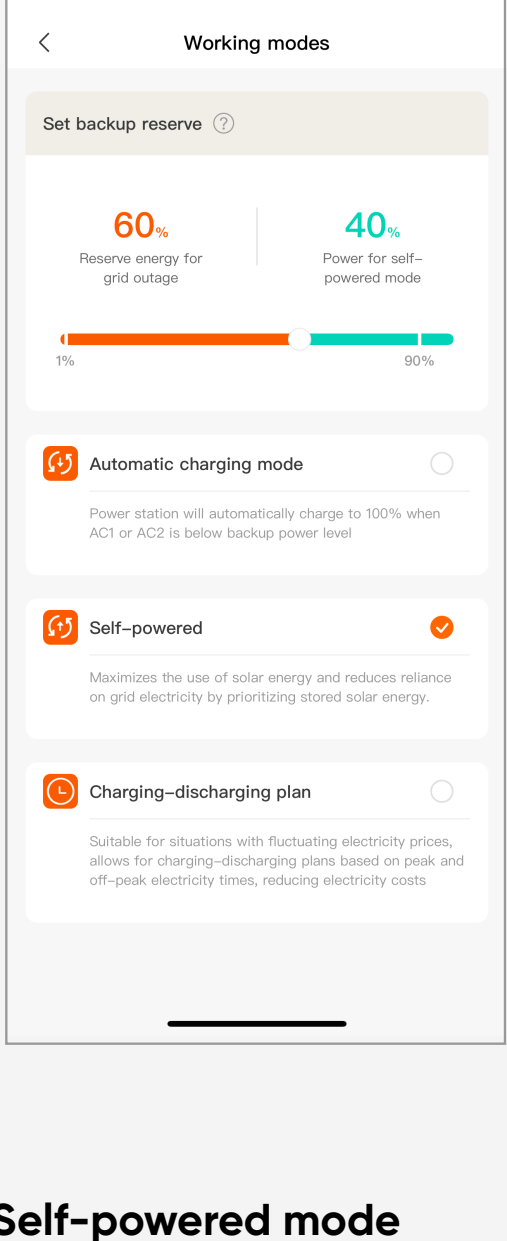
- View and monitor the real-time power consumption of the home, power station, and grid.
- View the current power supply for the home.
- Manually switch the home power supply to the power station under the following conditions:
 1. Power station battery exceeds the backup reserve.
 2. Backup-only mode is off.
- Daily solar power generation and home electricity consumption.

Circuits



Manually turn each home circuit on or off, rename them, and view the historical power consumption of each circuit.

Working Modes

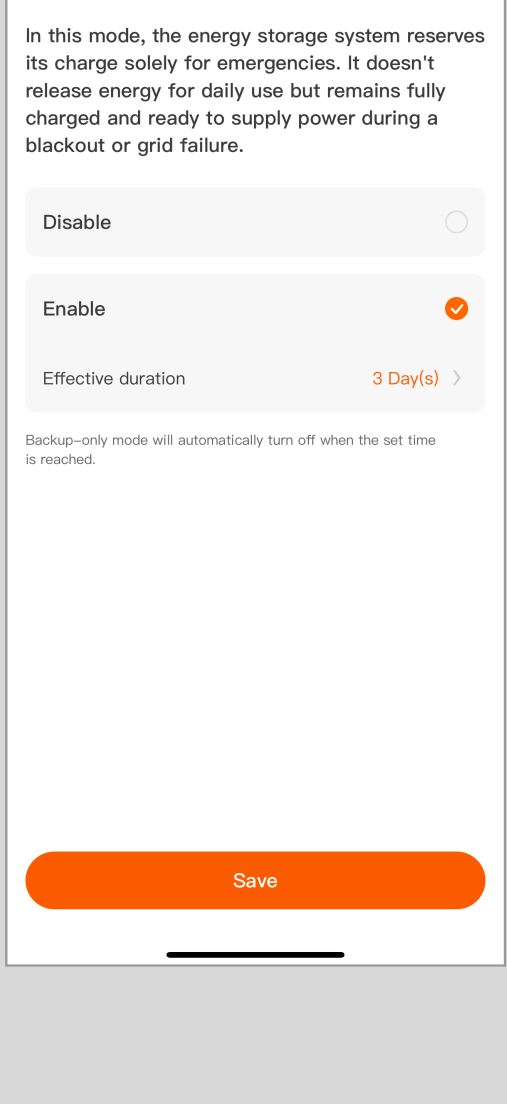


- ### Set backup reserve
- When the power station is discharging, the battery will discharge until it reaches the backup reserve . During a power outage, it discharges until it hits the discharge limit (0%). You can modify the level in Settings > Power usage plan.
- *The setting of backup reserve will take effect in any mode.
- *During a power outage, the backup reserve level will discharge to 0% in any mode.

- ### Automatic charging mode
- It's commonly used for daily home backup power. The power station will automatically recharge to 100% when AC1 or AC2 is below backup reserve.

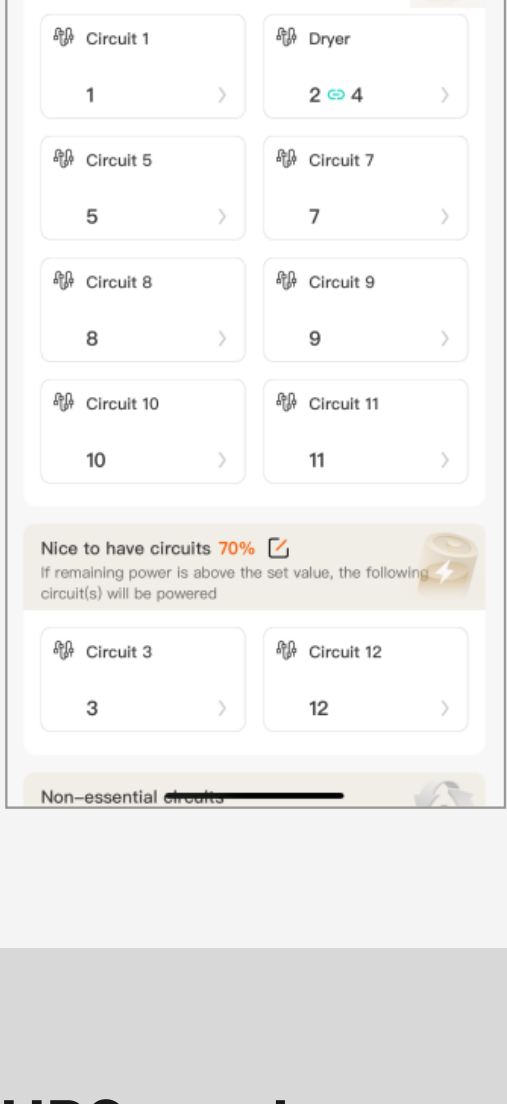
- ### Self-powered mode
- Maximize the use of solar energy for your house.
- In this mode, the power station charges exclusively using solar energy. It will begin supplying power to the home two hours after reaching a full charge. If it is not fully charged, it will only provide power to the home during the night.
- ### Charging-discharging plan
- Suitable for situations with fluctuating electricity rate, allows for charging-discharging plans based on peak and off-peak electricity times, reducing electricity costs.
- Charging task: Set the period for charging.
- Discharging task: Set the period for discharging. In this period, if batteries exceed the backup reserve, they will discharge.
- When the power station is connected to Smart Transfer Switch, it temporarily disables Battery saving mode, Auto-off, Energy saving mode, Quiet charging mode, Charging plan.

Backup-only mode



When backup-only mode is enabled, the grid will supply power to the home while fully charging the power station, which will only supply power during an outage. The charging-discharging plan and self-powered mode will be temporarily disabled. Manual switching to the power station is unavailable in backup-only mode.

Backup priority

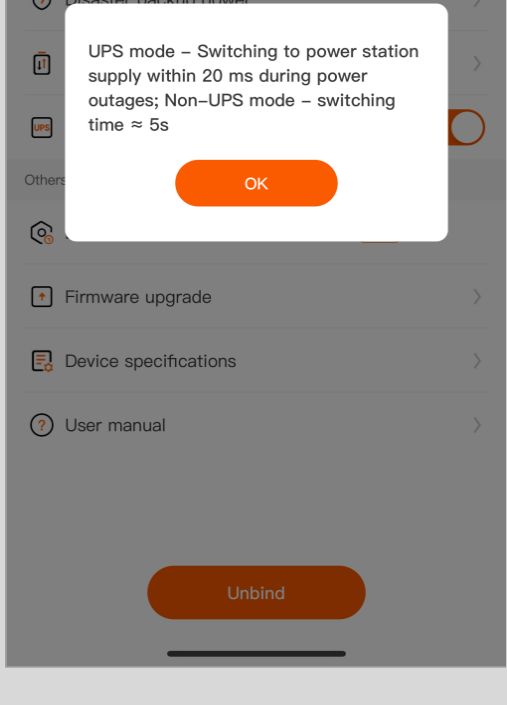


During an outage, the system prioritizes the supply of battery power to home circuits. Categorize your home circuits into 3 levels: must have, nice to have, and no power supply.

Circuit priorities

1. Must have: As long as there's power in batteries, it must be supplied to these circuits.
- 2.Nice to have: These circuits will be powered when the battery level is equal to or higher than the percentage you set.
- 3.Non-priority circuits: These circuits won't be powered when using battery power during an outage.

UPS mode



When UPS mode is enabled, if there is a power outage, STS will automatically switch to power station supply within 20 ms; if STS is charging the power station at that time, the switch time will be longer than 20 ms, and after power is restored, it will automatically switch back to grid supply.

In non-UPS mode, the switch time is approximately 5 seconds only if the power station is turned on.

*The STS will remain on when connected to the power station, so it is recommended not to manually turn off the power station.