

EP Cube NA HMI

(HMI2-S1)



1、 Home page



1 Energy flow of the device.

EP CUBE visualizes the energy flow to Grid, Solar, Generator, EV/Large App, Non-Backup, and Backup Load.

2 Switch tab page to Data detail page.

3 Switch tab page to Operation mode page.

4 Switch tab page to Setting page.

2、 Data detail page

Daily Energy curve view



1 Current date time of data.

Click this to show Date picker.

2 Summary data.

3 Daily energy curve view detail.

Date type picker dialog

1 Click to swipe daily view.

2 Click to swipe monthly view.

3 Click to swipe yearly view.

4 Click to swipe totally view.

5 Click to confirm and dismiss dialog.

Monthly energy curve view.



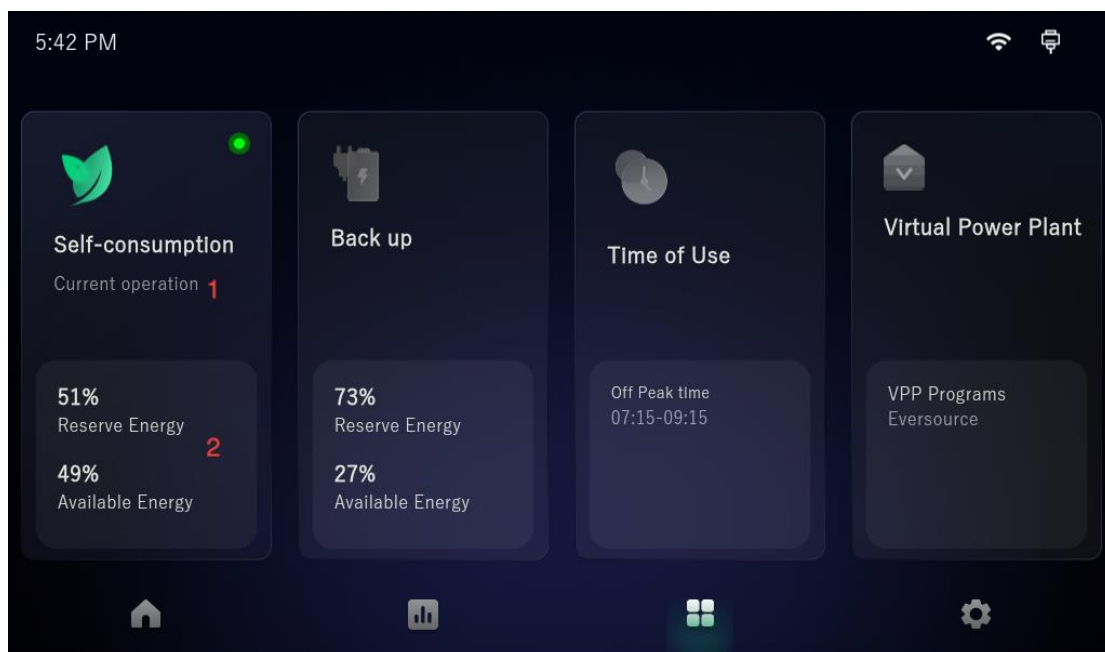
Yearly energy curve view.



Totally energy curve view.



3、 Operation mode page

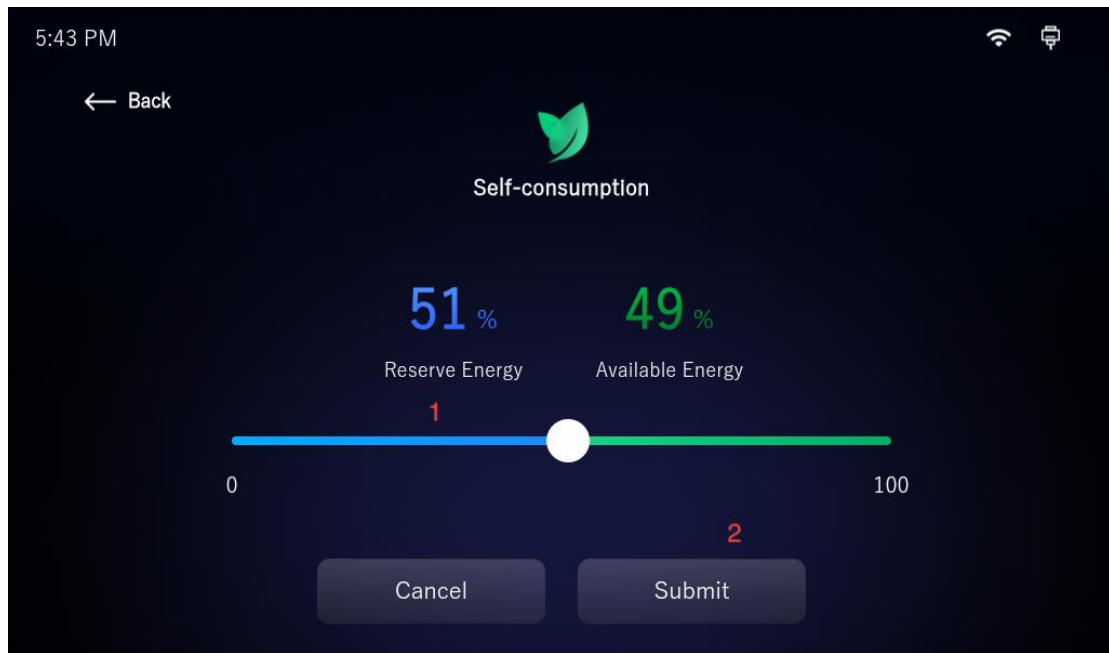


1 Current operation mode.

Click to operation mode detail page.

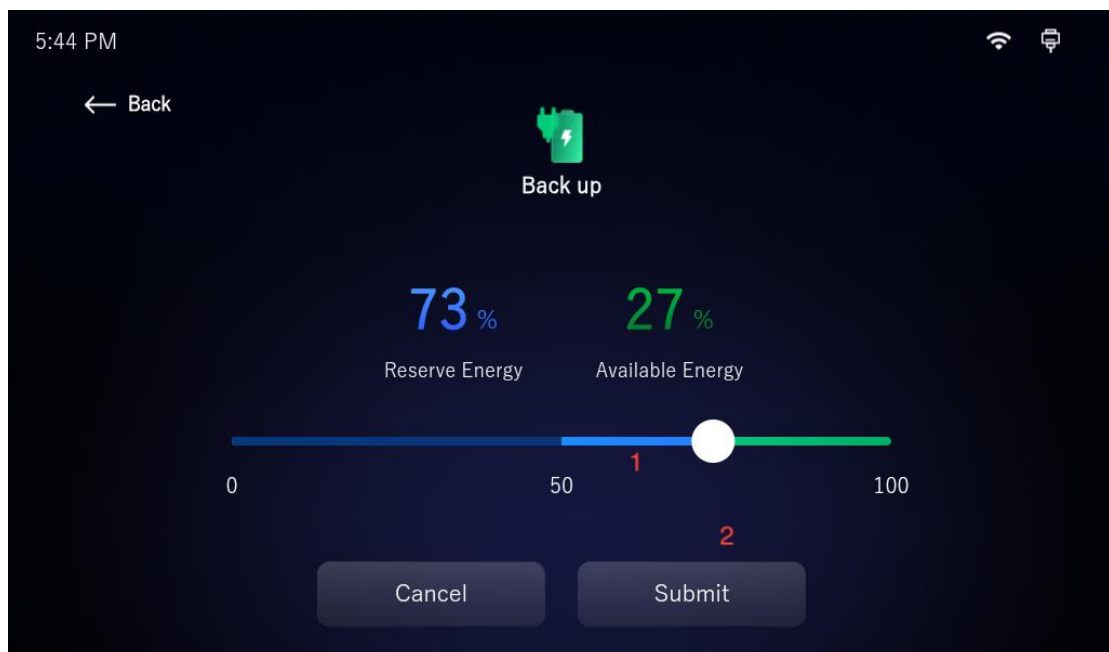
2 Operation mode parameter detail.

Self-consumption mode page

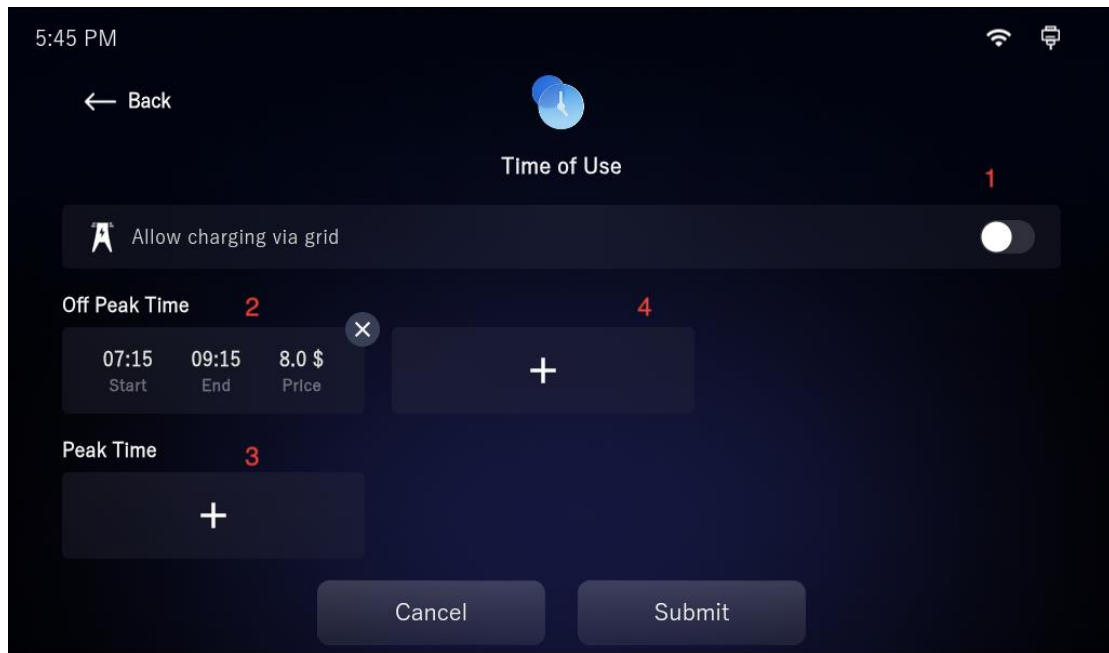


- 1 Drag to change Reserve Energy and Available Energy.
- 2 Click to change Operation mode to Self-consumption.

Back up mode

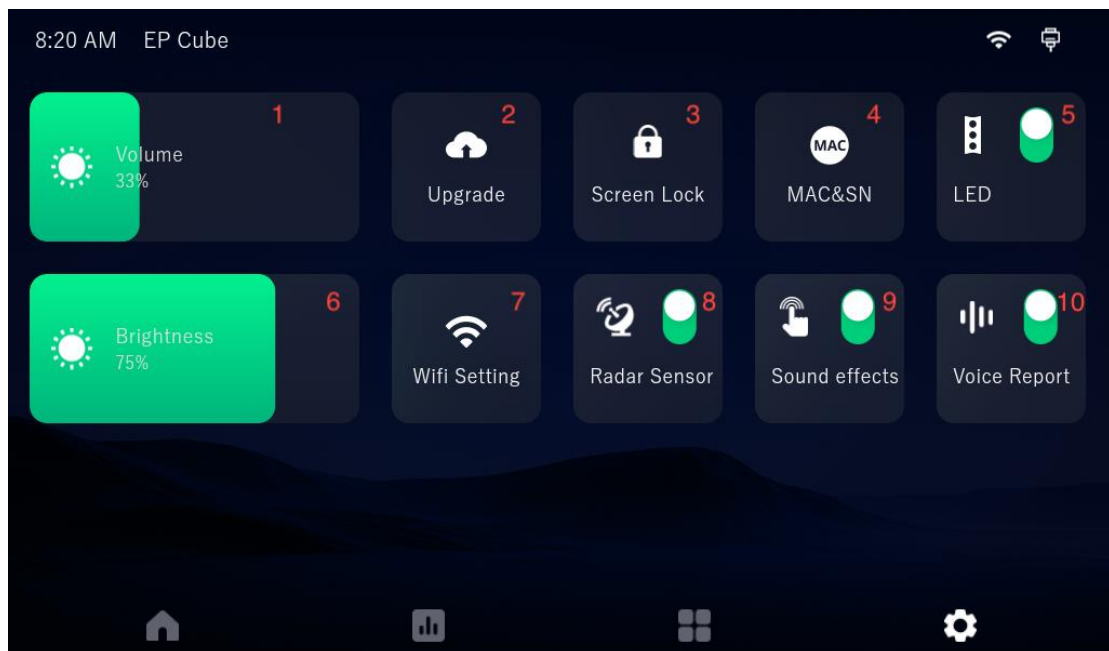


- 1 Drag to change Reserve Energy and Available Energy.
- 2 Click to change Operation mode to Self-consumption.



- 1 Click to enable or disable "Allow charging via grid".
- 2 Off peak time area, Click to remove item off peak time.
- 3 Peak time area, Click to remove item peak time.
- 4 Click to add Off Peak Time.

4 Setting page



- 1 Click to change volume.
- 2 Click to the upgrade page.
- 3 Click to change screen lock time.
- 4 Click to show MAC and SN.

- 5 Click to enable or disable LED.
- 6 Click to change brightness.
- 7 Click to the WIFI detail page.
- 8 Click to enable or disable radar.
- 9 Click to enable or disable sound effects.
- 10 Click to enable or disable voice report.

Technical Specifications

Model	HMI2-S1
Weight	0.5kg/1.1lbs
Dimensions	198.2x131.1x20.0mm (7.8 x 5.2 x 0.79 in)
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-15°C to 50°C (5°F to 122°F)
Humidity	10% to 85% RH (non-condensing)
Altitude	≤3000m(≈9,842ft)
IP Rating	IP42
Communications	RS485/WIFI
Wi-Fi	802.11b 802.11g 802.11n(20MHz channel bandwidth) 802.11n(40MHz channel bandwidth) Frequency range: 11 channels for 802.11b/g/n(HT20); 7 Channels for 802.11n(HT40); Max.output power: 15dBm

ISED compliance statement

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.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED Radiation Exposure statement

This equipment complies with IC RSS-102 radiation exposure limits set forth for an

uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

FCC statement

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

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

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.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.