



KALLIK GO

Kallik Go Portable EV Charger
User Manual Ver 1.0

For the latest Kallik Go user manual in all supported languages, visit: <https://iglutech.eu/en/>

Warning

Before installing or using Kallik Go Portable EV Charger, read and follow all instructions and warnings provided in the User manual and all other related documentation with Kallik Go. Failure to do so or to follow any of the instructions or warnings in this document can result in electrical shock, serious injury, or death, or can damage the Kallik Go Portable EV Charger.

PRODUCT SPECIFICATIONS

All specifications and descriptions contained in this document are verified to be accurate at the time of printing. However, because continuous improvement is a goal at IGLU TECH, we reserve the right to make product modifications at any time.

The images provided in this document are for demonstration purposes only. Depending on the product version and market region, details may appear slightly different.

ERRORS OR OMISSIONS

To communicate any inaccuracies or omissions in this manual, please send an email to: info@iglutech.eu



ELECTRONIC DEVICE: DO NOT THROW AWAY

Proper disposal of EV Charger is required. Refer to your local regulations for disposal requirements.

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1.Safety Information

Warning

Any other use will be deemed improper and may result in severe injury or damage to property. The manufacturer and dealers will not accept any liability for damage caused by improper use. What's more, the device warranty becomes void in such cases.

Failure to observe these warnings can lead to electric shock or fire or damage the charging device.

 **WARNING:** If damage occurs while charging, disconnect the charging device immediately from the power mains, if possible, by switching off the mains fuse/circuit breaker. Do not touch any electrically live parts.

 **WARNING:** Never operate the device near ex-plosive vapours or gases, switching operations within the device can generate tiny electric.

 **WARNING:** Never touch the contact surfaces of the charging device. Do not insert any objects into the charging equipment connector faces.

 **WARNING:** Do not attempt to modify or repair your charging device in any way yourself. Never open the housing, and do not make any changes to the adapters and/or extension cables.

 **WARNING:** Do not plug the device into power outlets through which water could ingress the device. Do not immerse the charging device in water.

 **WARNING:** Never disconnect the device connectors while the device is electrically live (i. e. while charging a vehicle), As this can lead to fouling of the connector plug contacts and damage the charging electronics. Always stop the charging process first at the controls inside the vehicle.

 **WARNING:** Protect the plug connectors and power sockets against humidity and moisture. Always keep the plugs and the vehicle end coupling dry. Unplugged connectors are not watertight. Always cover them with protective caps when not in use.

 **WARNING:** Do not let children play with the packaging material or the charging device

2. Product Information

Power and Vehicle Connector



Schuko (max. 16A)
EVX03B model



Type 2 (IEC62196-2 European Standard)



CEE 16/32 (3-phase)
EVX11B model

Model Number Definition

EVX
1

2

3

4

Specifications

	Classification	Symbol	Meaning of the symbol
1	Basic type	EVX	X series EV charger
2	Rated power	03	1-phase 16A
		11	3-phase 16A
3	Charging modes	B	Mode 2
4	Charging interface	T2	Type2 (IEC62196-2)

Electrical Specifications		
Phase Number	1-phase	3-phase
Product Model	EVX03B	EVX11B
Rated Voltage	AC230V	AC400V
Input Frequency	50/60Hz	
Max.Output Current	16A	16A
Max.Output Power	3.7kW	11kW
Cable Specification	3X2.5mm ²	5x2.5mm ²

Protection	
Over voltage protection	Yes
Under voltage protection	Yes
Overload protection	Yes
Short circuit protection	Yes
Leakage protection	Yes
Over-temp protection	Yes

Function and Accessory	
LED indicators	Yes
LCD screen	1.47-inch
RCMU	Type A
Current adjustment	Yes
RFID	No

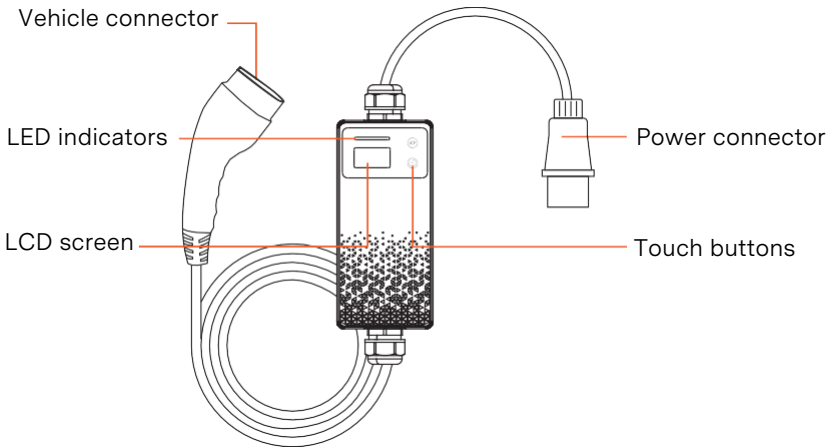
Working environment	
Protection degree	IP67
Operation temperature	-30°C~55°C
Relative humidity	≤95%RH
Operating elevation limit	≤2000m
Cooling	Natural air cooling
Standby power consumption	<1W

Mechanical parameters	
Charging cable	5m (Standard configuration)
Control box	HxWxD=195mm*91mm*49mm
Weight	≤3kg
Colour & Material	Black;PC

Standard & Certificate	
Standard	EN IEC 62752:2024
Certificate	CE,RoHS

3. Operation

Overview



LED indicators

Status	Power On			Charging Standby	Setting mode
Indicator Light	 Light	 Light	 Light	 Breathing	 Light
Status	Reservation Charging	Waiting Car Signal	Charging Finished	Charging mode	Fault Mode
Indicator Light	 Breathing	 Breathing	 Light	 Breathing	 Flashing

Touch Buttons



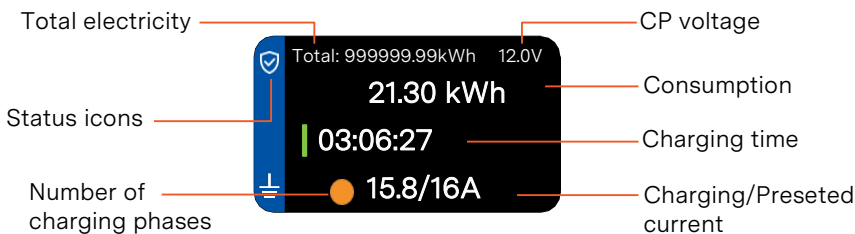
Setting Current / Menu / Change Setting



Delay Charging / Select Settings

LCD Screen

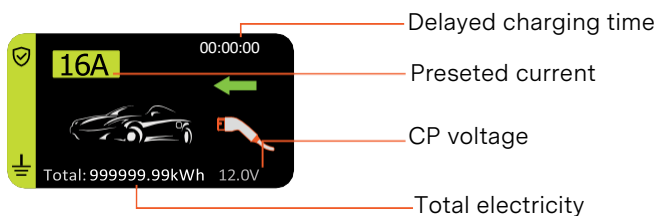
The LCD screen of the device can view status, safety warnings, and settings



*Control Pilot (CP) - is the primary communication line between the charging station and the electric vehicle.

Icon	Connotation	Icon	Connotation
	Normal operation		Grounding connected

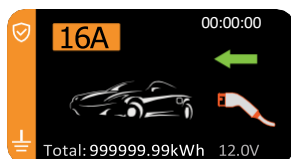
Status Display



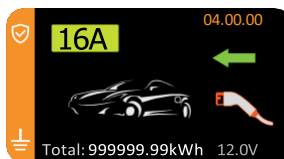
Charging Standby

Touch button

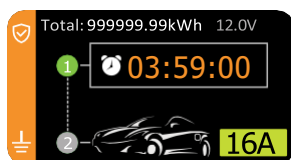
- Enter [Setting Current] page.
- Press and hold for approx. 3 seconds to enter [Settings] page.
- Enter [Setting Delay] page.



Setting Current

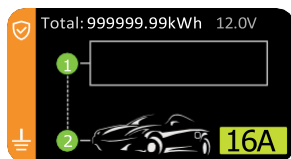


Setting Delay



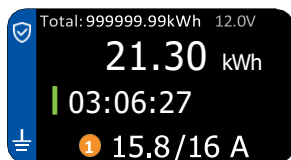
Delay Charging

During the process of delay or reservation charging, step 1 (green circle) flashes and step 2 is gray.



Waiting Car Signal

During the process of waiting for the car signal, step 1 (green circle) remains on and step 2 flashes.

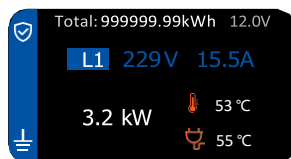


Charging Mode-1

Display consumption, charging time, charging / preset current.

Touch button

 Enter [Charging Mode-2] page.



Charging Mode-2

Display voltage and current, charging power, temperature.

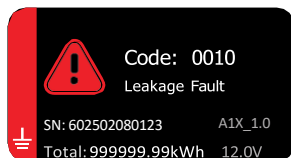
Touch button

 Enter [Charging Mode-1] page.



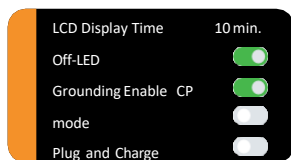
Charging Finished

Display consumption and total charging time.



Fault Mode

Display fault information, fault codes.



Button function description

-  Select the function items that need to be set.
-  Set the selected functions. “Exit” returns to standby charging.

LED Display Time

Turn off the screen after the set display time without touching the button or the status has not changed.

Off-LED

If Off-LED is enabled, the LED will turn off simultaneously with the LCD.

Grounding Enable

The charger is installed in an ungrounded or poorly grounded power grid, and grounding can be turned off.

CP mode

Control Pilot (CP) - is the primary communication line between the charging station and the electric vehicle, ensuring safe charging, setting charging current limits and managing charging states.

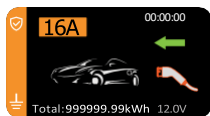
CP mode feature is designed to be compatible with certain vehicle models that triggers CP communication errors (e.g EV diode fault), simply enabling it will allow for normal charging.

Plug and Charge

Once Plug and Charge is enabled, you can start charging when the vehicle plug connected, no other authorization required.

Setting Current

1. Press the  button (**before plugging the vehicle-end connector into the vehicle's charging socket**).



Light

The yellow LED begins to light, and the LCD screen displays the amperage. Indicating that the device is ready to change the charge intensity.

2. Press the  button as many times as necessary until the screen is at the desired amperage.
3. The selected setting will be saved automatically after approx.3 seconds, then the device enters charging standby. The upper left corner of the screen displays the set amperage.

Delay Charging

1. Press the  button (**before plugging the vehicle-end connector into the vehicle's charging socket**).



Light

The yellow LED begins to light, and the LCD screen displays the time. Indicating that the device is ready to change the delay charging time.

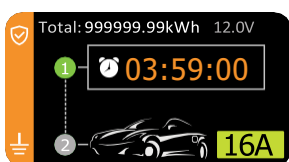
2. Press the  button as many times as necessary until the screen is at the desired time.
3. The selected setting will be saved automatically after approx.3 seconds, then the device enters the countdown state. Wait for the countdown to end and if already connected to the vehicle, it will enter charging mode.

Exit delay charging

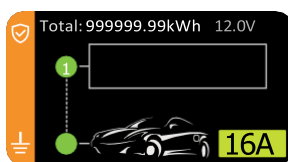
If you want to exit the delay charging, press and hold down the  button for approx.3 seconds. Then the device returns to charging standby.

Start Charging

1. Connect the power plug of the charger to a grounded outlet, wait for the device to enter charging standby.
2. Couple the vehicle-end connector of the device to the vehicle's charging port.
3. Enter the delay charging page (If delay is enabled).
4. Wait for the vehicle authorization signal and then enter the charging mode.



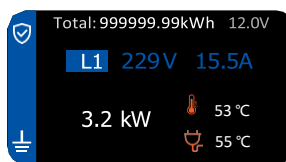
Delay charging



Waiting Car Signal



Charging Mode-1



Charging Mode-2

Stop Charging

1. Stop the charging process at the controls inside the vehicle, this releases the lock on vehicle's charging coupling.
2. First disconnect the connector coupled to the vehicle, then unplug the connector plug from the power socket or the charging station.

4. Fault Handling

- Check power plug and socket are in close contact.
- Check the cable diameter of the socket.
- Do not leave the device exposed to sunlight but also do not cover it.

The device is automatically protected in the event of the fault. The fault information and handling methods are as follows.

Fault information	Handling method
Both the LED and LCD screen are not on	• Check whether the power supply and distribution are normal. • Check breaker is tripped and open the breaker after troubleshooting.
LED on, and LCD screen not on	• LCD connection cable is loose or LCD is damaged.
Waiting for a car signal for a long time	• Battery of car is full, the car is in the reservation delay charging mode, or the vehicle connector is not properly connected. • Disconnect and reconnect the vehicle connector.
Ground Fault Code: 0001	• The device is not grounded, check the input power cable.
RCMU Fault Code: 0002	• The RCMU is damaged and needs to be returned to the factory for repair.
Over voltage Code: 0004	• Check whether the input cable is connected correctly. • Check whether the input voltage is abnormal.
Under voltage Code: 0008	• Check whether the input cable is reliably connected. • Check whether the input voltage is abnormal.
Leakage Fault Code: 0010	• Check whether the vehicle connector and it's cable are damaged or wet. • Recover after pulling out the mains connector.
Over current Code: 0020	• Check whether the vehicle connector is correctly connected. • Check whether the on-board charger is normal.
CP voltage Code: 0040	• Check the vehicle connector and charging socket of EV. • Disconnect and reconnect the vehicle connector.
Short circuit Code: 0080	• Check whether the vehicle connector and its cable are damaged or wet.
Over temperature Code: 0100	• Check power plug and socket are in close contact. • Check the cable diameter of the socket.
EV diode Fault Code: 4000	• Diode fault of CP signal at the vehicle end. Please check the vehicle or enter the settings menu to open CP mode.

5. Maintenance

- Check whether the join point of the input terminal is in good contact and whether there is any abnormality.
- If plugs get wet, allow them to dry before using them.
- Always fit the device with the protective caps when not plugged in.



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