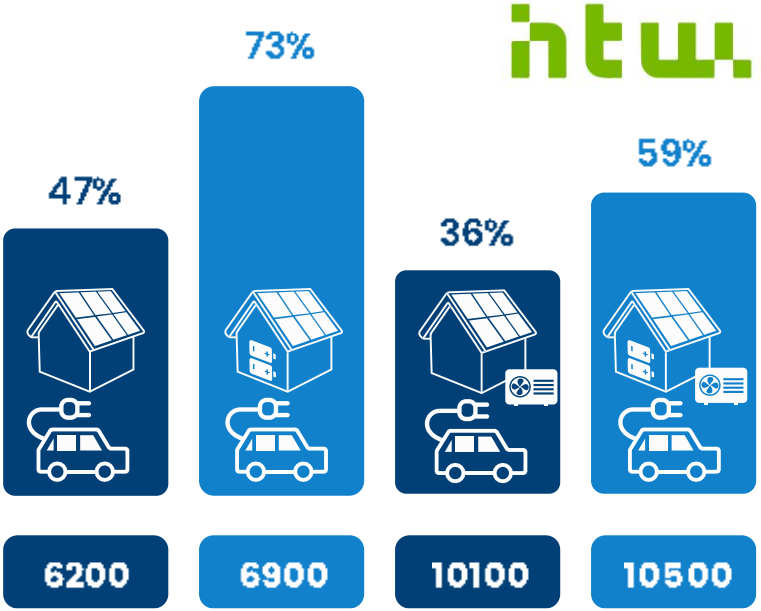

FOX
ESS
Smart Energy
Management
Solution

Average Solar Energy Share by Residential Electrification Level

Household Equipment:

1. PV Inverter
2. EVC
3. Storage
4. Heat pump

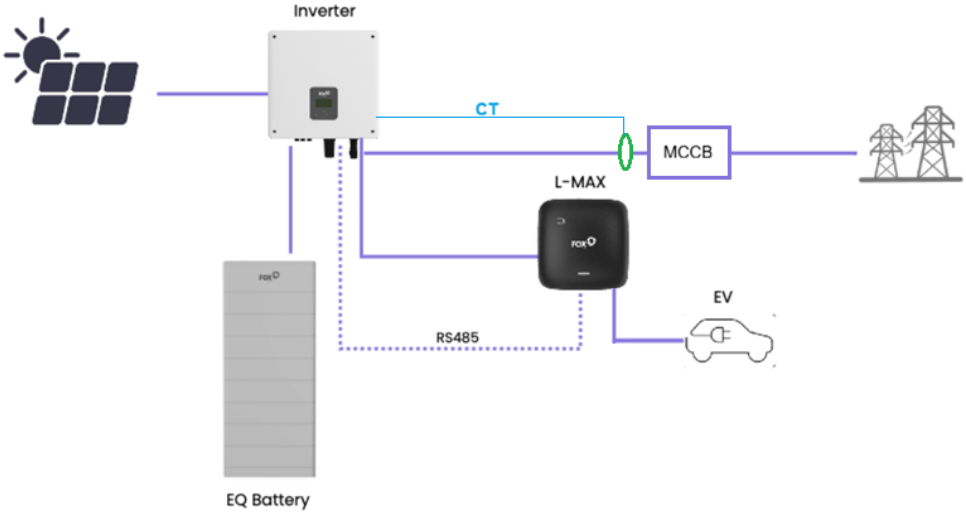


Average Electricity Consumption (kWh/year)

Residential power System Type	PV+EVC	PV+EVC+ STORAGE	PV+EVC+ HEATPUMP	PV+EVC+ STORAGE+ HEATPUMP
Cover total electricity consumption	47%	73%	36%	59%

Smart Energy Management Solution

Storage inverter can be connected to EVC via RS485



Note: the CT is necessary

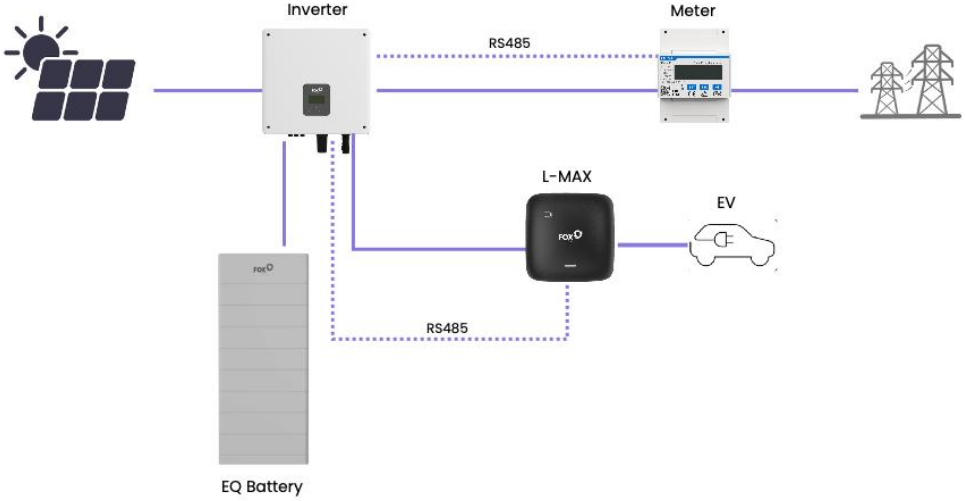
H1/H3 series

A series

L series

Smart Energy Management Solution

Storage inverter can be connected to EVC via RS485



Note: the smart meter is necessary

H1/H3 series

A series

L series

Table of Configure EVC to Inverter

Single Phase EVC	H1-G2	KH/KA	EVO P100
L07PC	√	√	√
L07PMC	√	√	√
A7300P1-E-2	√	√	√
A7300P1-E-B	√	√	√
A7300S1-E-2	√	√	√
A7300S1-E-B	√	√	√

Three Phase EVC	H3 Smart	H3 pro	H3	PQ1/PQ3
L11PC	√	√	√	√
L11PMC	√	√	√	√
A011KP1-E-B	√	√	√	√
A011KS1-E-B	√	√	√	√
A022KP1-E-B	√	√	√	√
A022KS1-E-B	√	√	√	√

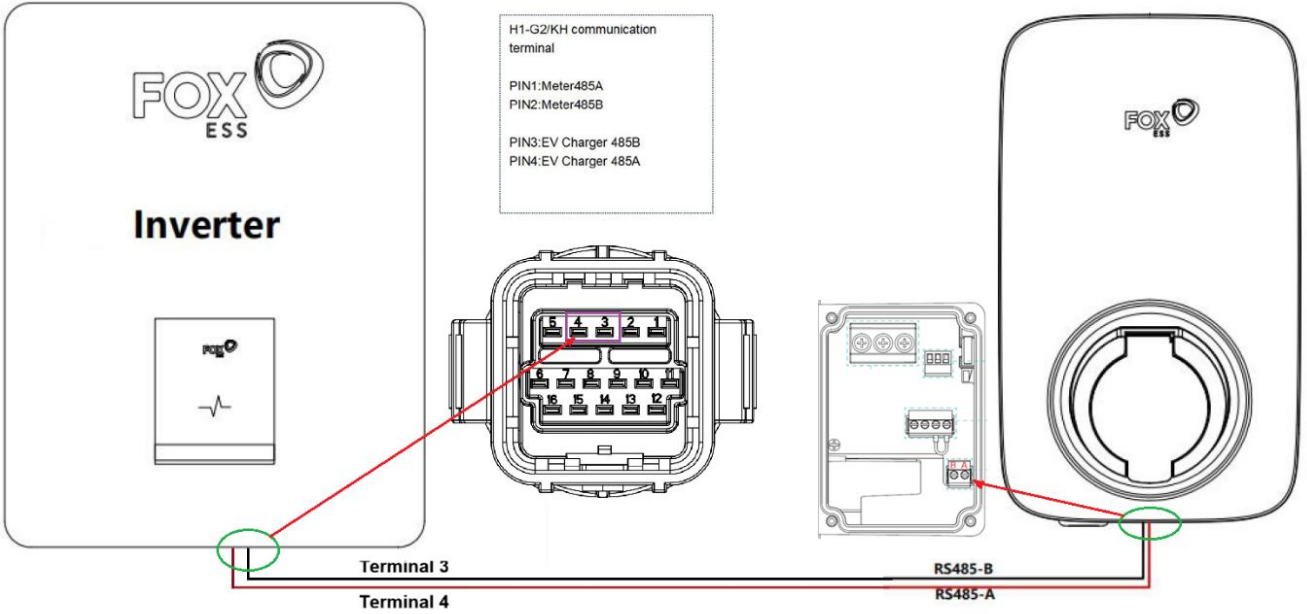
Note:

The smart meter is necessary

The communication address of inverter needs to be set to 247

Project Reference

EVC connect with H1-G2/KH via RS485

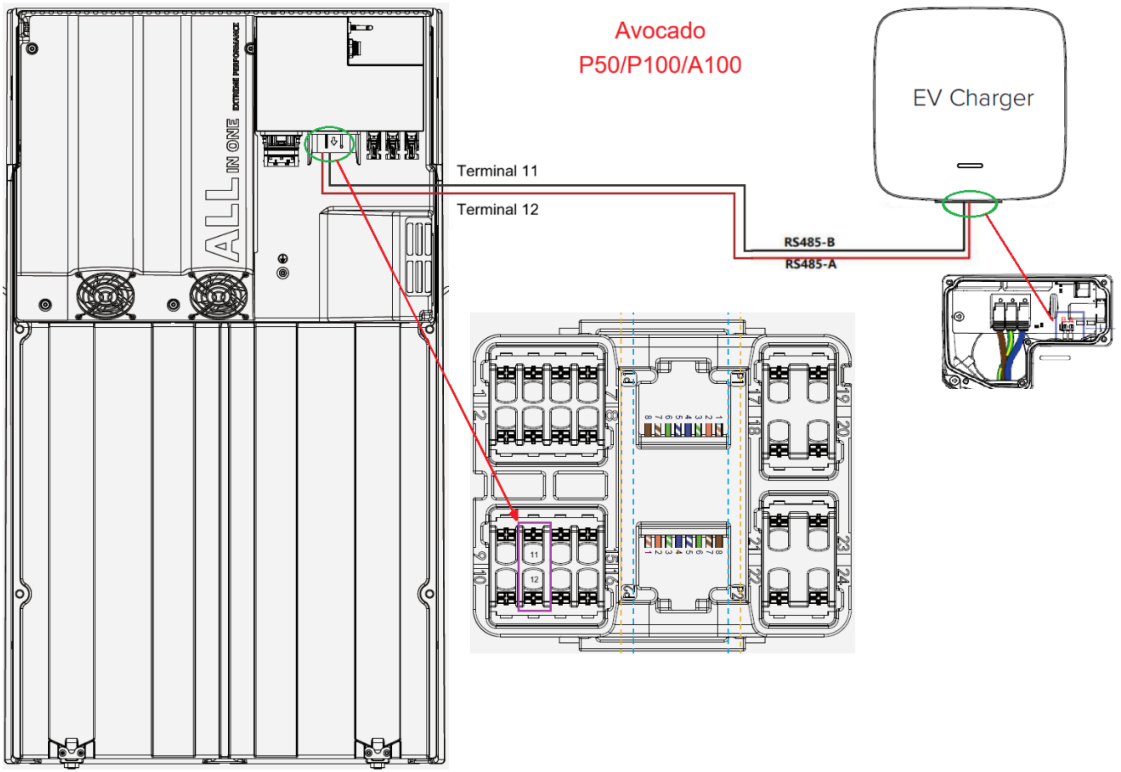


Note:

Both the EVC and the inverter need to be **upgraded** to the **latest** firmware version.

The communication address of inverter needs to be set to 247

EVC connect with P100/A100 via RS485

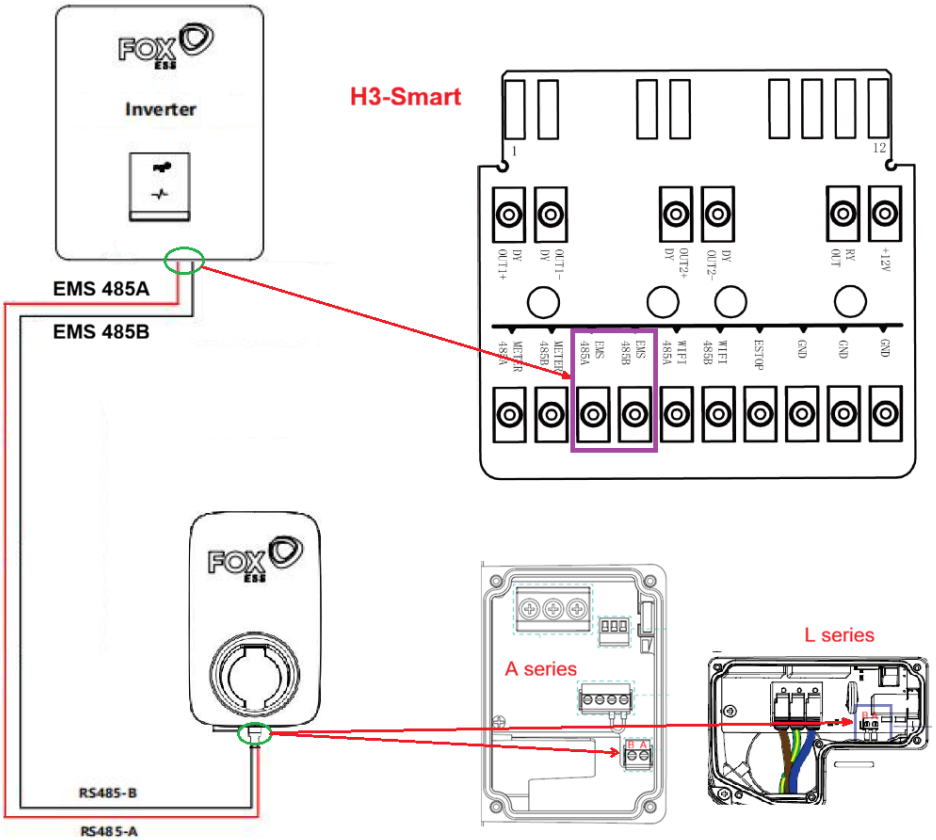


Note:

Both the EVC and the inverter need to be **upgraded** to the **latest** firmware version.

The communication address of inverter needs to be set to 247

EVC connect with H3-Smart via RS485

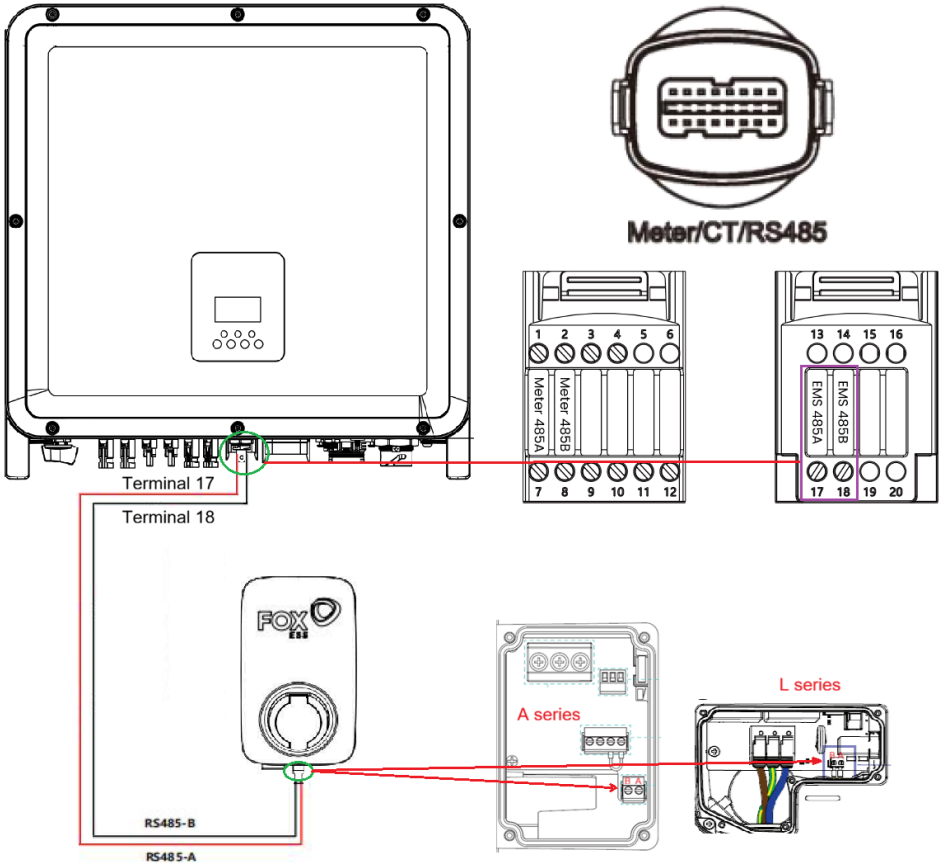


Note:
Both the EVC and the inverter need to be upgraded to the latest firmware version.

The communication address of inverter needs to be set to 247

For the PV-linked green mode of H3-Smart, the battery **discharge power** set on the App should be **≥ 50W**

EVC connect with H3-Pro via RS485



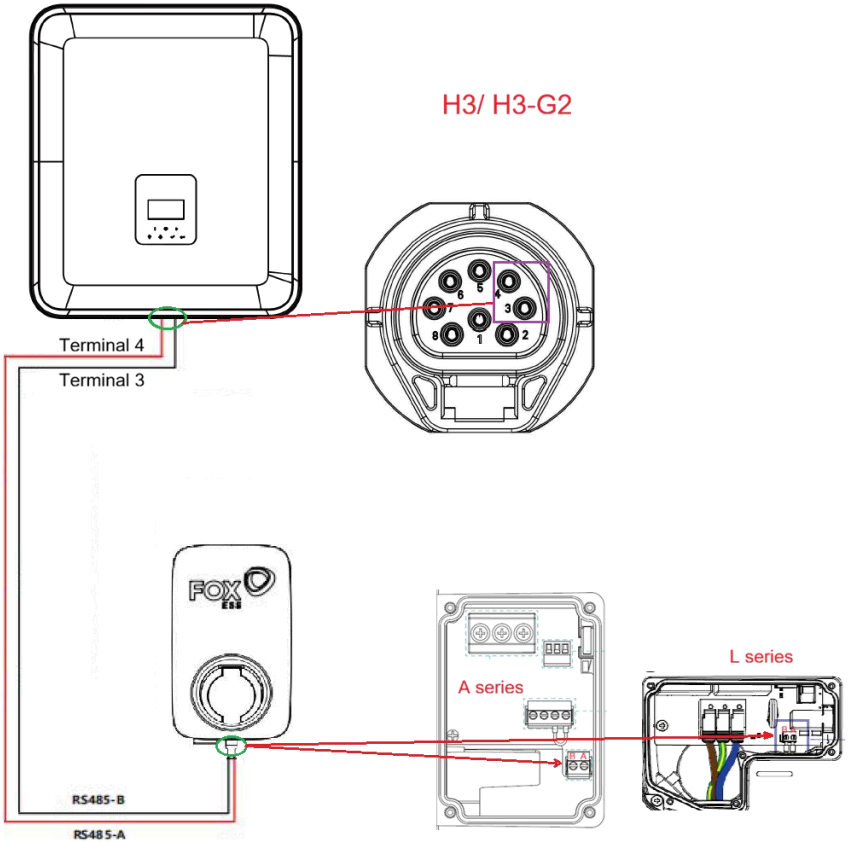
Note:

Both the EVC and the inverter need to be upgraded to the **latest firmware** version.

The communication address of inverter needs to be set to 247

For the PV-linked green mode of H3 Pro, the battery **discharge power** set on the App should be **≥ 50W**

EVC connect with H3 via RS485



Note:

Both the EVC and the inverter need to be upgraded to the latest firmware version.

The communication address of inverter needs to be set to 247

When the H3 battery is on standby, the displayed discharge power is 400W. In the PV - linked green mode, the battery **discharge power** set on the App should be **≥ 450W**.

Smart Energy Management Solution

FoxCould2.0 App

Download on the App Store

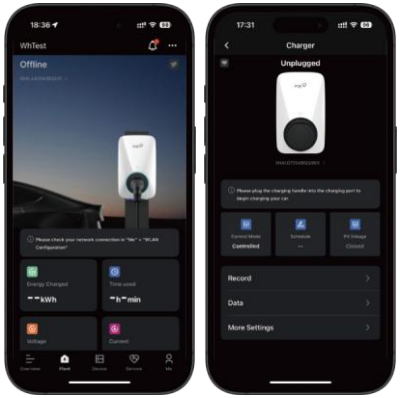
GET IT ON Google Play

01

The FoxCloud 2.0 app enables remote device management anytime, anywhere. User can set up the EVC work mode, the inverter work mode, the Battery discharge power for charging etc.

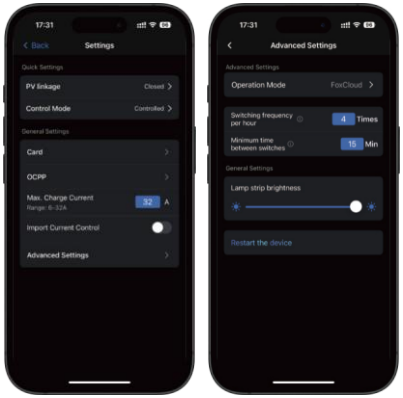
02

Open the page of EVC read and choose the parameters which user want to set up. Such as work mode, schedule time, PV linkage etc.



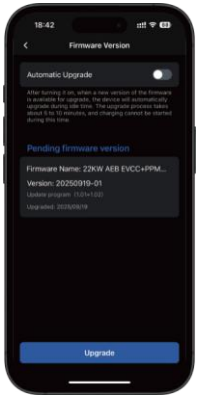
03

Open setting page user will find more parameters can be set up.
Such as RFID card, OCPP, current, Advanced settings etc.

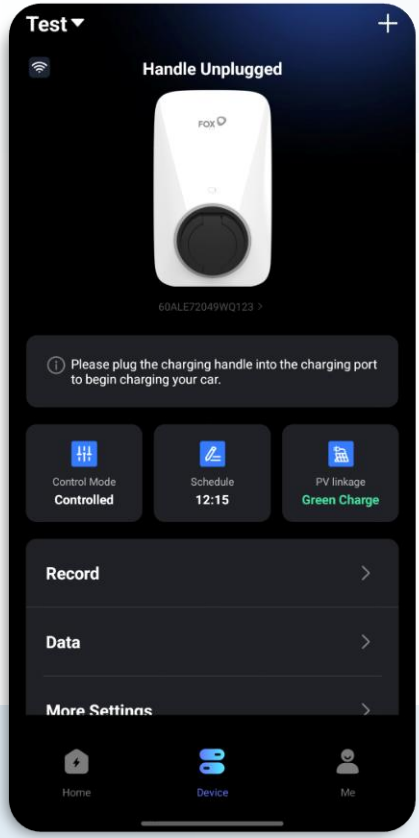


04

Keep your firmware updated to make sure your charger is always at its best, bringing you a consistently great and safe experience



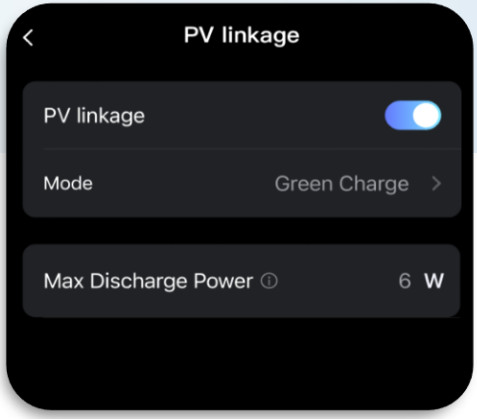
Simple to Use, Easy to Control

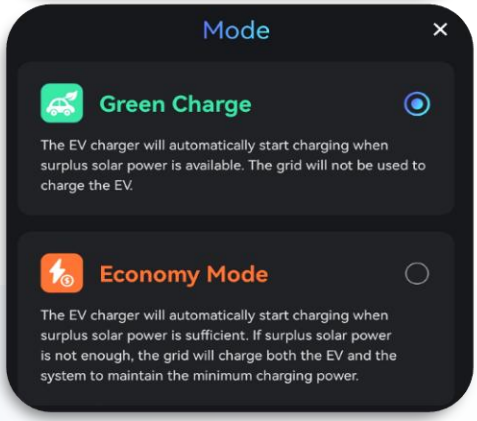


The battery storage discharge power setup by user.

1 The power range: 5W~22kW

2 Auto-Switch: Single/Three-Phase Outputs





Simple to Use, Easy to Control

The battery storage discharge power setup by user.

1. With the PV Linkage function, the PV-STORAGE-EV direct solution works efficiently. (**Wire RS485 Direct Connection**) The end user can set the discharging power of the battery by himself according to the need.
2. The EVC can obtain electricity meter data and the charge-discharge status of the energy storage battery through the inverter. When **green mode** is enabled, customers can set the power value that the EVC can draw from the battery. **When the EVC detects via the inverter that its power draw from the battery exceeds the customer-set value**.
3. Key Parameter Settings of the FoxCloud2.0 Application To ensure the system operates as expected

Table of app use for EVC

App Name	EV Charger Brand	Product series	Note
FoxCloud2.0	FOX	A series L series	Bluetooth connection is solely for network connection settings and cannot set product working parameters
FoxSwitch	FOX	A series L series C series	All functions and parameters of the product can be set
Elite Charger	OEM/ODM/FOX White label	Designed and produced by FOX	All functions and parameters of the product can be set

Europe Region EV charger Installation

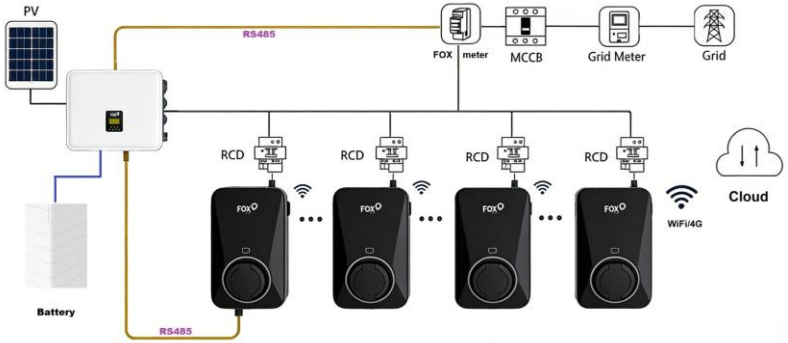
100,000+

Sold over 3 years

Multi-Charger PV Surplus Charging Solution

Multi-Charger PV Surplus Charging System

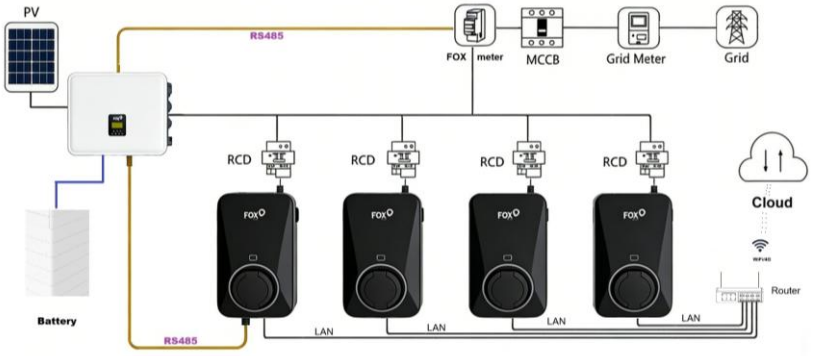
(Under Green mode)



Note:
use "charging.foxcloud.com" please.

Multi-Charger PV Surplus Charging System

(Under Green mode)



Note:
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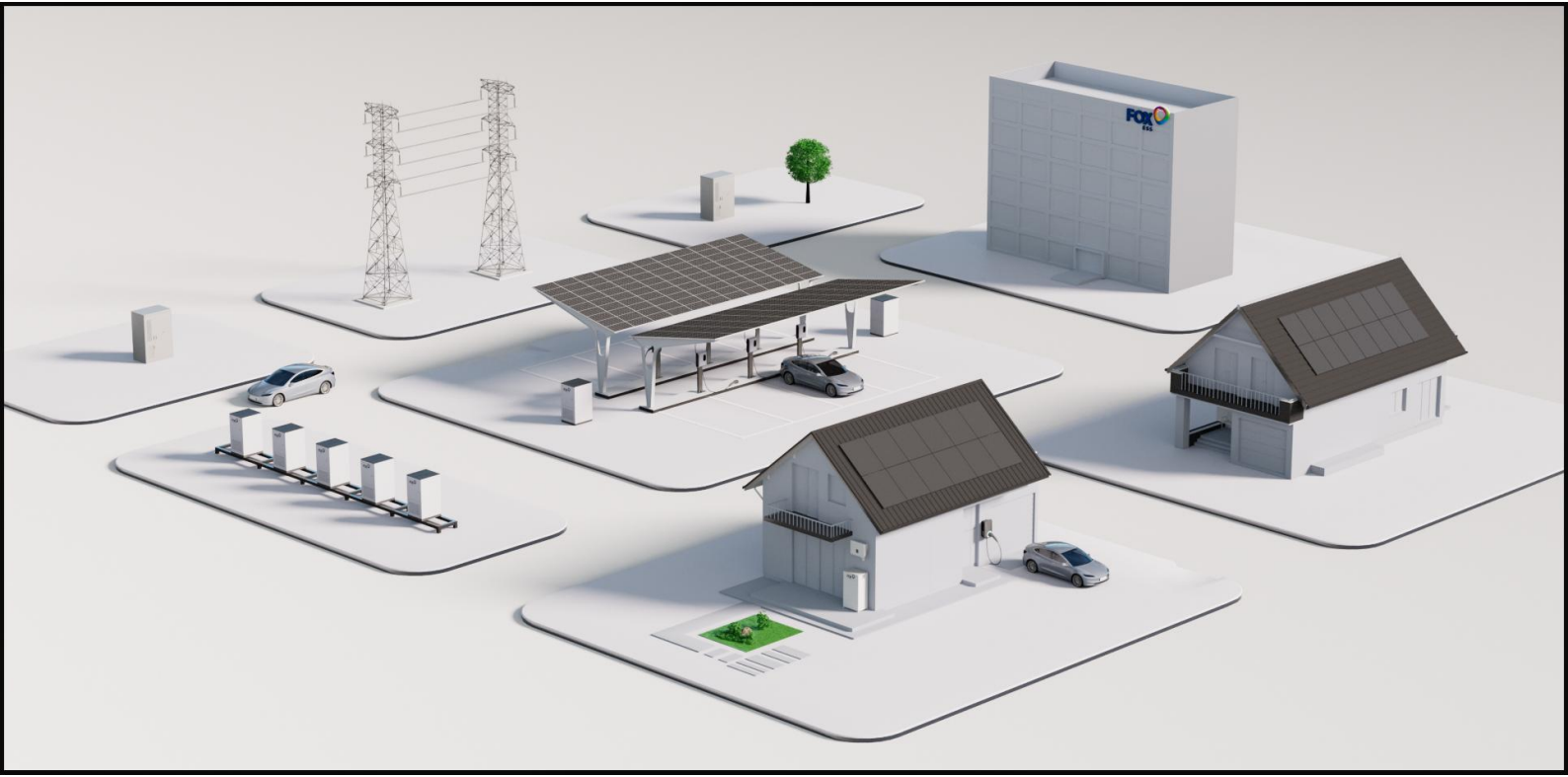

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