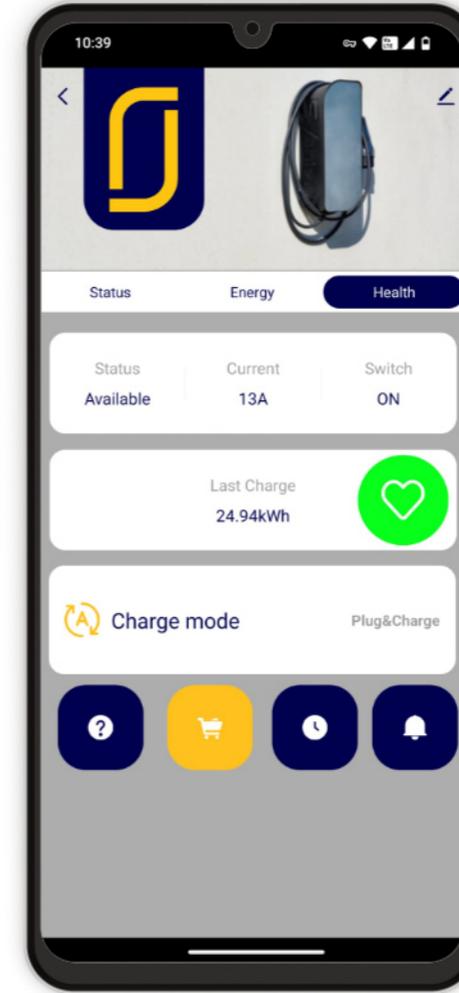
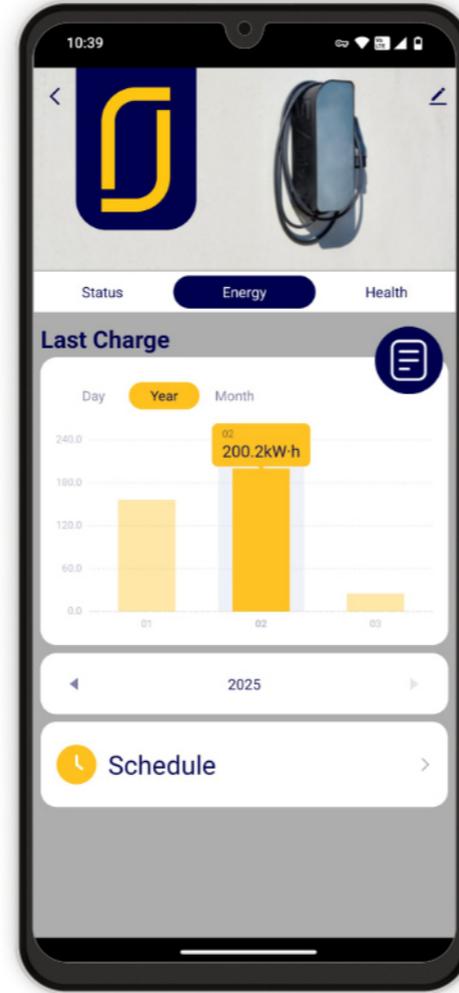
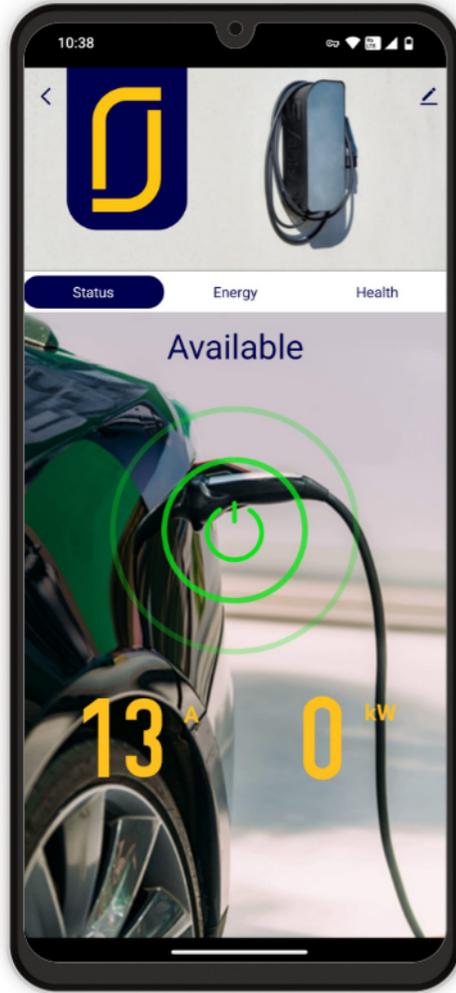


# EVshield APP



## Disclaimer

*This guide is to be used as a reference only. EVshield does not provide advice, instructions or recommendations regarding the electrical installation and cannot be held liable for incorrect installation of the Evshield SMART-pack and associated components. Always follow the instructions of the charger manufacturer and have the installation carried out by a certified installer according to local safety guidelines.*

EVshield<sup>®</sup>  
SMART-pack

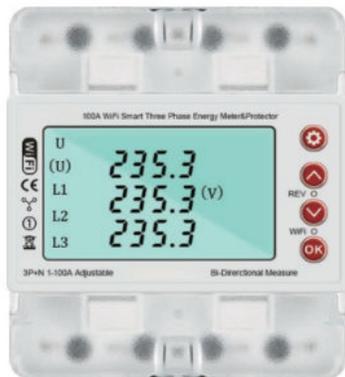


## 2.4GHz Wi-Fi Settings

**Wi-Fi LED Indication**  
 Fast Flash : Ready to Connect  
 Slow Flash : Wi-Fi **OFFLINE**  
 LED ON : Wi-Fi **Connected**

### Reset Functions

Reset Wi-Fi : Press & Hold   
 Reset Consumption : Go to Display "EPS" Press & Hold   
 Factory Reset : Go to Display "Hz Frequency" Press & Hold



## Support

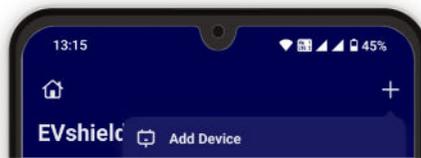


## Connect to APP

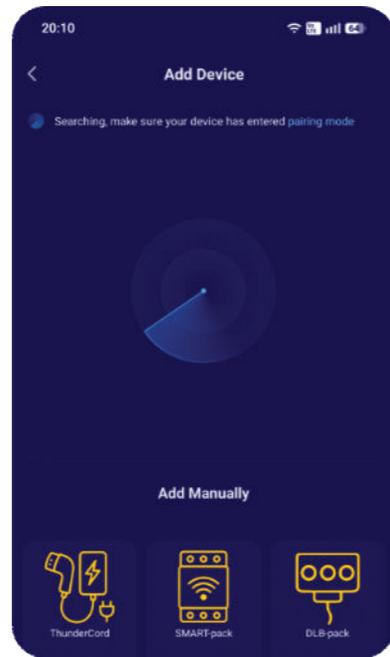
Download the EVshield APP from the APP store or on EVshield.eu.



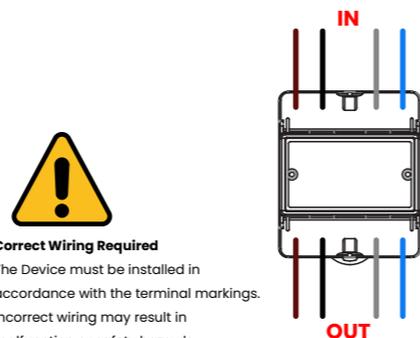
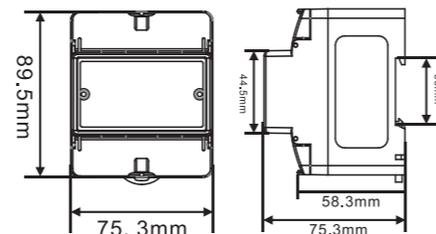
- 1) Create an account or use the APP as a guest.
- 2) Make sure the phone is connected to a **local 2.4GHz Wi-Fi network** and **Bluetooth is Enabled**
- 3) Make sure the device is connected to mains power
- 4) In the top right-hand corner. Press the **+** symbol to add a new device.



## Connect to APP



## Installation Wiring and Dimensions



### Correct Wiring Required

The Device must be installed in accordance with the terminal markings. Incorrect wiring may result in malfunction or safety hazards.

## Usage Conditions

Voltage : ~230V AC  
 Amps : Max. 80A  
 Temperature : -20°C ~ 60°C  
 Humidity : <85%  
 Altitude : <2000m  
 Wiring : Max. 35mm<sup>2</sup>  
 Mounting : 35mm DIN-rails

## Safety and Installation Instructions

### No Isolation Function

This device does not provide an isolation function. Always disconnect mains power before servicing or repairing the device.

### Neutral Line Connection

The neutral (N) line is internally connected and does not include a disconnection mechanism. Ensure appropriate external disconnection measures are in place.

### Supplementary Protection Only

This product offers limited current protection and is not a substitute for a standard circuit breaker. For proper short-circuit protection, install appropriate breakers at the upstream side of this device.

## Function Overview

- Over Voltage Protection
- Under Voltage Protection
- Over Current Protection
- Under Current Protection
- Delay Protection
- Timer Switch
- Voltage Imbalance Protection
- Current Imbalance Protection
- Shortage Phase Protection
- Phase Sequence Protection
- Bidirectional Energy Monitor
- 2.4GHz Wi-Fi Transmitter
- APP enabled

## Display Settings

White : Normal  
 Red : Fault detected  
 Backlight : OFF after 180 seconds

Phase Voltage	Three Phase Current	Three Phase Active Power
Three Phase Reactive Power	Three Phase Power Factor	Three Phase Frequency
Active Combined Energy Consumption	Active Forward Energy Consumption	Active Reverse Energy Consumption
Active A-Phase Energy Consumption	Active B-Phase Energy Consumption	Active C-Phase Energy Consumption
Combined Reactive Energy Consumption	Reactive Forward Energy Consumption	Reactive Reverse Energy Consumption
Reactive Phase A Energy Consumption	Reactive Phase B Energy Consumption	Reactive Phase C Energy Consumption

Function	Set Range	Factory Default	Function Description
Power Restoration Delay Protection	---- (Manual Override) 0000 - 9999 Seconds	5 s	Protects the device from being destroyed by instantaneous high <b>voltage</b> and <b>surge</b> during power fluctuations.
Over Voltage Limit	60-300V	275 V	When the <b>voltage</b> is <b>OVER</b> the set limit, the device will automatically switch off. (Every phase must be set separately)
Under Voltage Limit	60-300V	175 V	When the <b>voltage</b> is <b>UNDER</b> the set limit, the device will automatically switch off. (Every phase must be set separately)
Voltage Protection Recovery	---- (Manual Override) 0000 - 9999 Seconds	20 s	Set <b>delay</b> time to <b>recover</b> functions after Under or Over <b>Voltage</b> settings tripped
Over Current Limit	0.1-80A	80 A	When the <b>Current</b> is <b>OVER</b> the set limit, the device will automatically switch off. (Every phase must be set separately)
Over Current Limit Protection Delay	0000 - 9999 Seconds	5 s	Set delay time to switch <b>OFF</b> after <b>OVER Current</b> Limit has been reached
Over Current Limit Protection Recovery	0000 - 9999 Seconds	60 s	Set delay time to switch <b>ON</b> after <b>OVER Current</b> Limit has been solved
Voltage Balance Protection	ON / OFF 0000 - 9999 %	ON	The device will switch off if the highest or lowest <b>voltage Imbalance</b> of L1/L2/L3 Phase exceeds the set value.

---- : Manual Override  
 0000 : No Delay

