

EcoFlow PowerInsight

ECO FLOW

Home Energy Manager

Enable efficient energy. Empower smarter home.

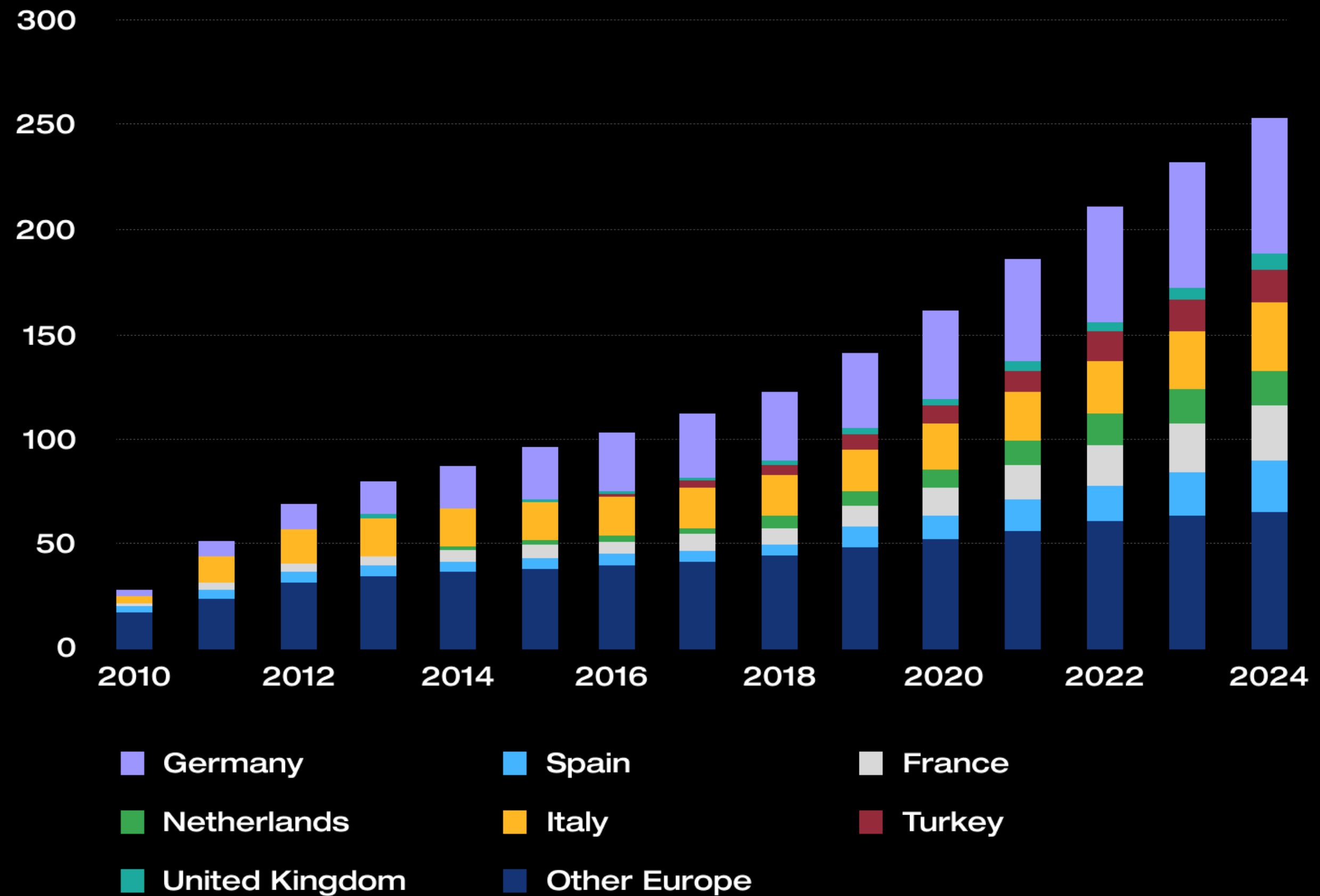


More and more users are going solar, as electricity rates is getting higher and higher

Cumulative solar PV installations, Europe, 2010-2024

Imagine that you are a German family of 4, your household normally uses 4,000 kWh of electricity per year.

In 2022, you paid 1760€/year, rising by 55% on average.



People seek for a solution to visualize, and smartly manage their home energy



Henning, in Düsseldorf

“With the app and the panel, I can check the real-time energy rate and energy consumption for my house! When I realize the rate is low, I would switch on some of the heavy-duty appliances.”



Martina, in Munich

“I use this smart panel to supervise the power usage of my entire house. I can switch on/off and control many electronic devices, even the little fountain in my backyard!”



Johannes, in Stuttgart

“I’m using smart meter and smart plugs to control my home energy. During the day, the solar panel is charging my power station. But when it’s at night, I will feed the energy back to the grid, to save electricity bills.”

And to eventually go for a smart, sustainable, power-independent life.



PowerInsight Home Energy Manager

The all-in-one home energy
management system

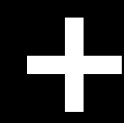


EcoFlow PowerInsight

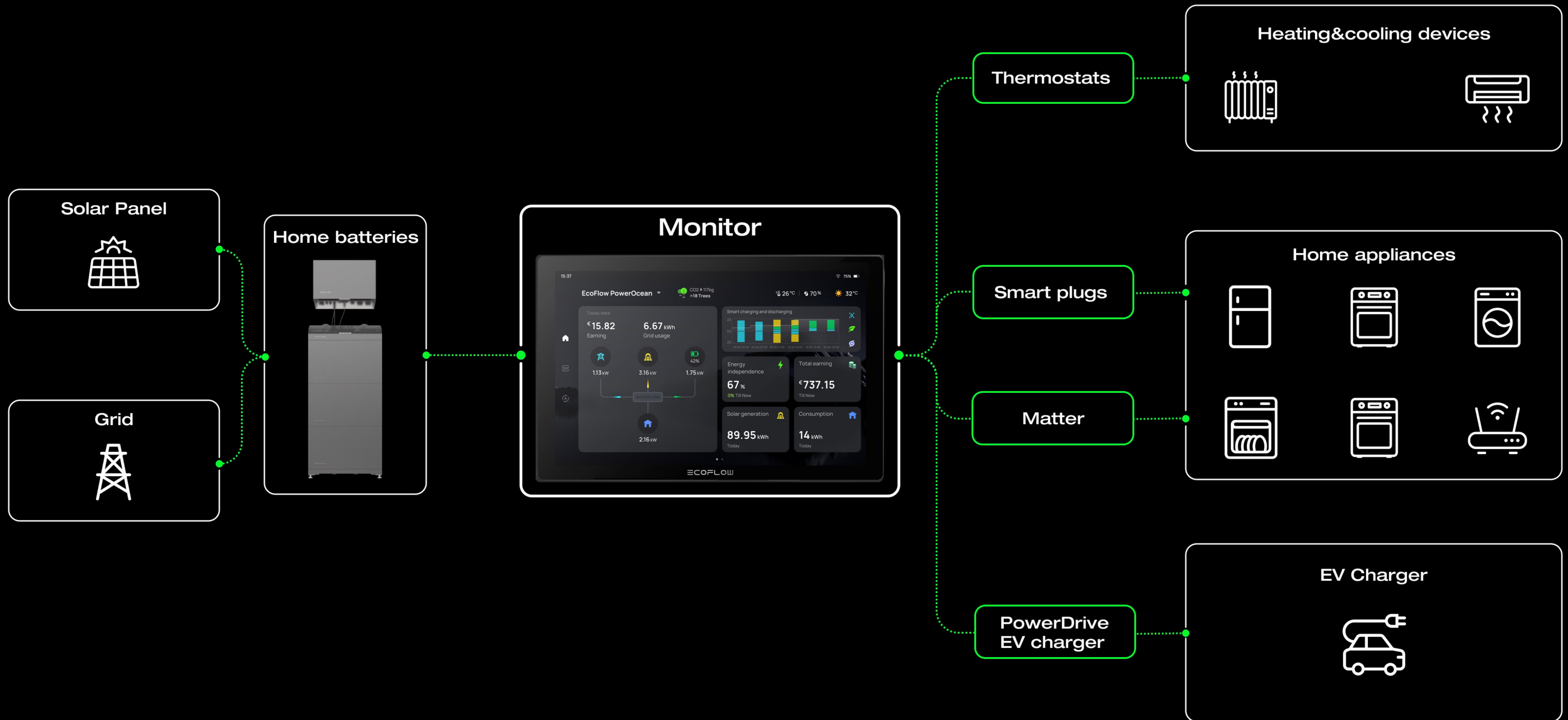
is an all-in-one home energy control system, designed to optimize your home energy management, improve power efficiency, and save electricity bills for a smart, connected home.



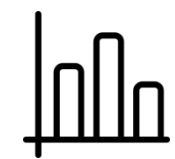
Home energy management system



Smart home control panel



Get an EcoFlow Home Energy Monitor, so you can...



Monitor energy data all in one glance



Optimize energy usage to save energy and money



Device control to run a smart, connected home



Get energy ready for severe weather



To know your energy data better, to understand your home better.



Curious about your home's eco-friendliness?
This is where you will get all the answers!

It is a comprehensive energy dashboard, where users can easily view their home energy data, in real-time, by day, month, and year.

- Solar power generation
- Home energy consumption & sources
- Remaining battery
- Energy bill saved
- CO2 emission avoided
- Temperature
- Weather conditions
- And more...

Energy optimization by multiple modes:

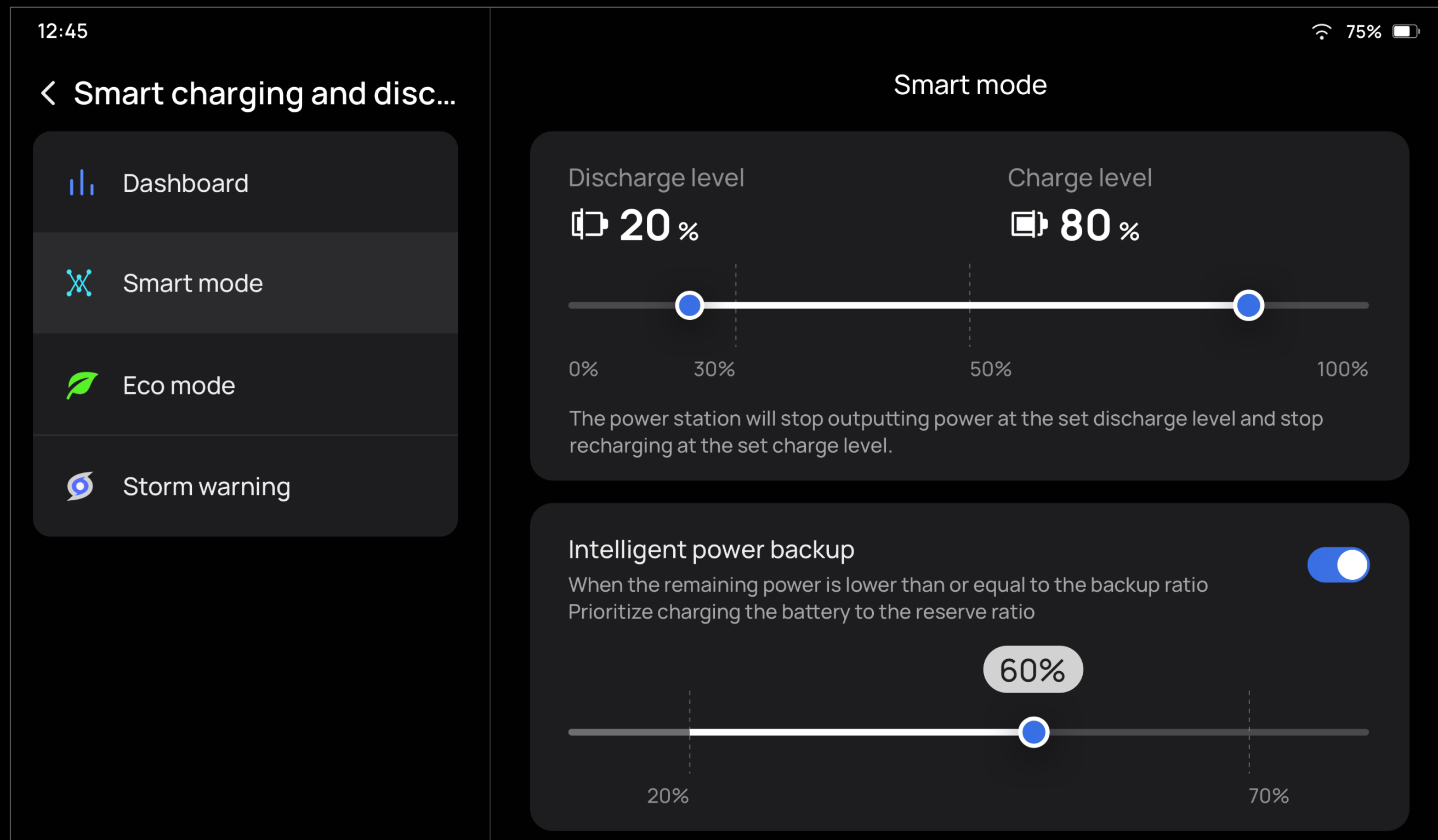
Your smart energy optimizer and money saver



- Use battery power or solar power when the electricity rate is high.
- Feed into the grid at the point of highest return.
- Estimate the best charging/discharging time for the battery.
- Alert when devices are running too long.

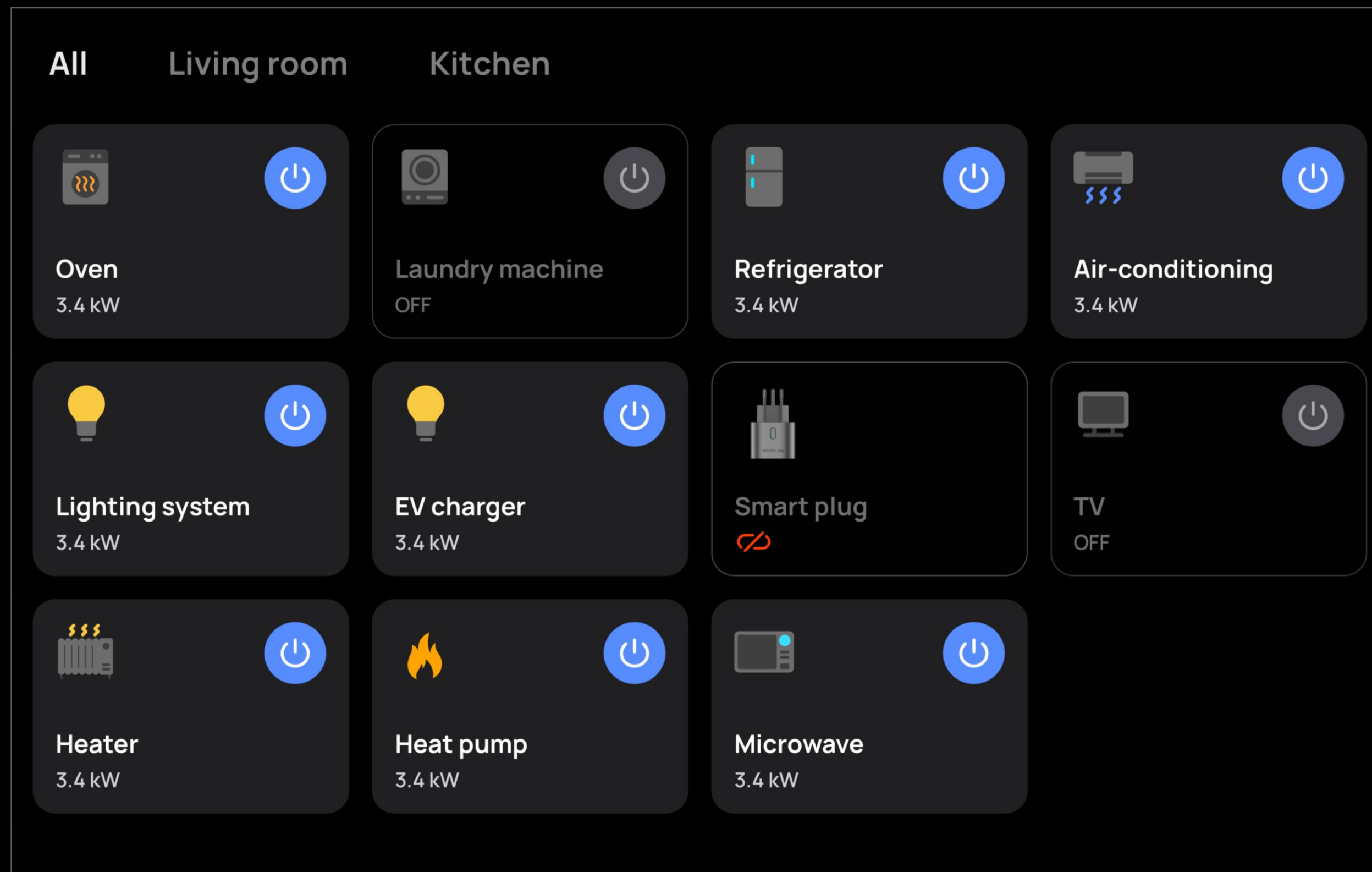
Energy optimization by multiple modes:

Use the energy the way you like to maximize power efficiency



- Pre-set battery storage as you need it.
- Customize the battery charging/discharging limit as preferred.
- Customize the running time for all devices as desired.

A smarter way to run your smart home.



EcoFlow PowerInsight forms a powerful ecosystem where all home appliances are connected. It allows users to control all the connected home appliances at any time according to their needs.

- Independent gateway.
- Matter supported.
- Smart plugs supported.


Adjust temperature smartly for a cosy home

The EcoFlow PowerInsight can adjust the temperature to a more appropriate level with a built-in sensor to provide more accurate indoor environment monitoring.



Get fully prepared for outage or severe weathers.



 Storm warning

- Storm warning before 24 hours.*
- Get the battery pre-charged to the fullest to prepare for severe weather.
- Optimize energy use to extend battery backup time.
- Independent gateway: active even when the internet is off.

* Based on local weather forecast.

Ease-of-use, shared with all family members

10 inch

Larger screen

10 point

Multi touch

One glance

To get energy data

One click

To start a live chat



Multiple Scenarios

- House
Mounting on the wall, or sitting on the table
- Caravan
- Boat
- Hand carrying

A day with EcoFlow PowerInsight

Turn off all the lights while you're away from home, or turn on the heater before you're arriving home... These can be easily handled with just one tap!



Go to work

Away mode: Switch off all lights, air-con, heaters, and television while you're away

Before arriving home

Set your air-con to the target temperature on the app before arriving home.

After arriving home

A/C automatically tuned on at the pre-set time to the pre-set level.

Go to bed

Track and manage your daily energy usage, bills saved, and power-independence rate.

Go to bed

Sleep mode: Shut down certain electrical devices and adjust air-con to the pre-set level.

Vision of your future home

Connected through EcoFlow PowerInsight



Why EcoFlow PowerInsight?

		EcoFlow PowerVision	Other energy apps
Independent gateway	Available when internet is off	✓	✗
Data monitoring	More energy data all at a glance	✓	✗
Device control	Matter supported. Compatible with most smart plugs	✓	✗
Built-in sensor	Adjust temperature more accurately based on indoor environment monitoring	✓	✗
Easy to view	10-inch, dedicated home energy dashboard	✓	✗

Specifications

Design

Dimensions	244.4mm*158.6mm*12.4mm (H*W*D)
Weight	Approx. 600g
Color	Black
Button	Power on/ off

Display

Size	10.1 inch
Type	IPS
Resolution	1280 x 800 pixels
Screen	AF Coating, 10-point multi touch

Performance & Memory

CPU	MT8168
ROM	16GB
RAM	2GB

Battery & Charging

Battery	3000mAh
Charging	5V/2A charging, Pogo Pin charger

Connectivity

WLAN	802.11 a/b/g/n/ac 2.4GHz, 5GHz
Bluetooth	Bluetooth 5.0

Sensors

Sensor	Temperature and Humidity Sensors Ambient Light Sensor Proximity Sensor
--------	--

Thank you.

10/08/2023