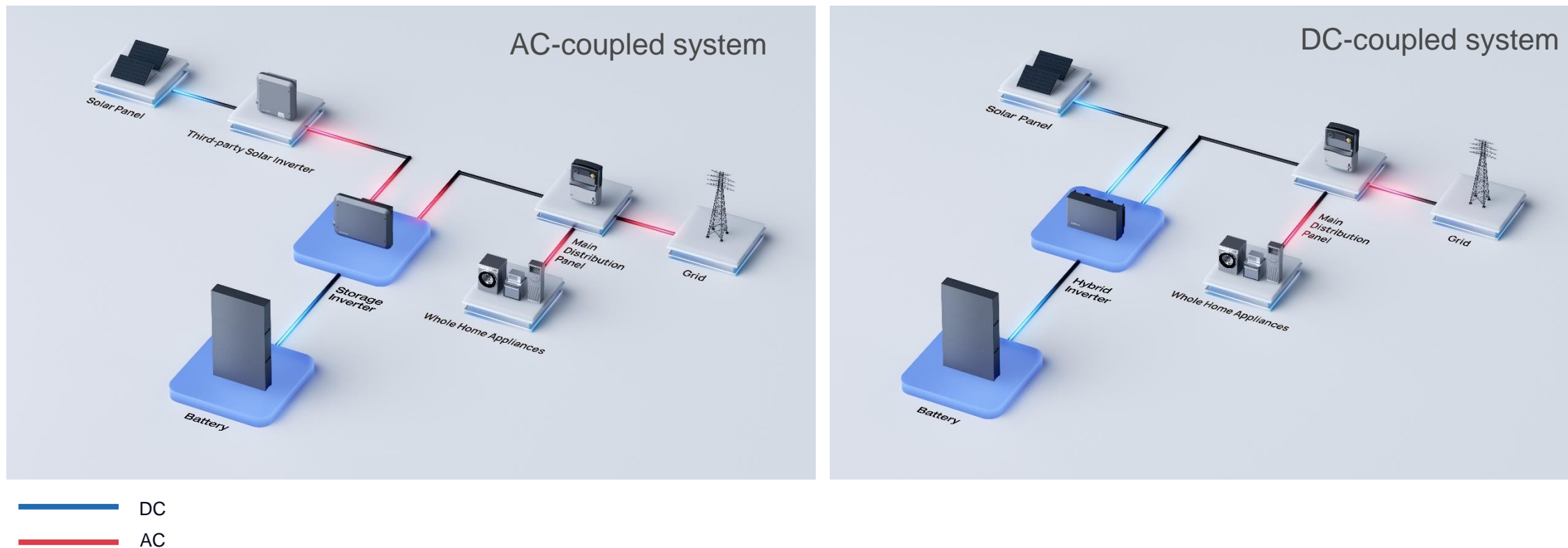
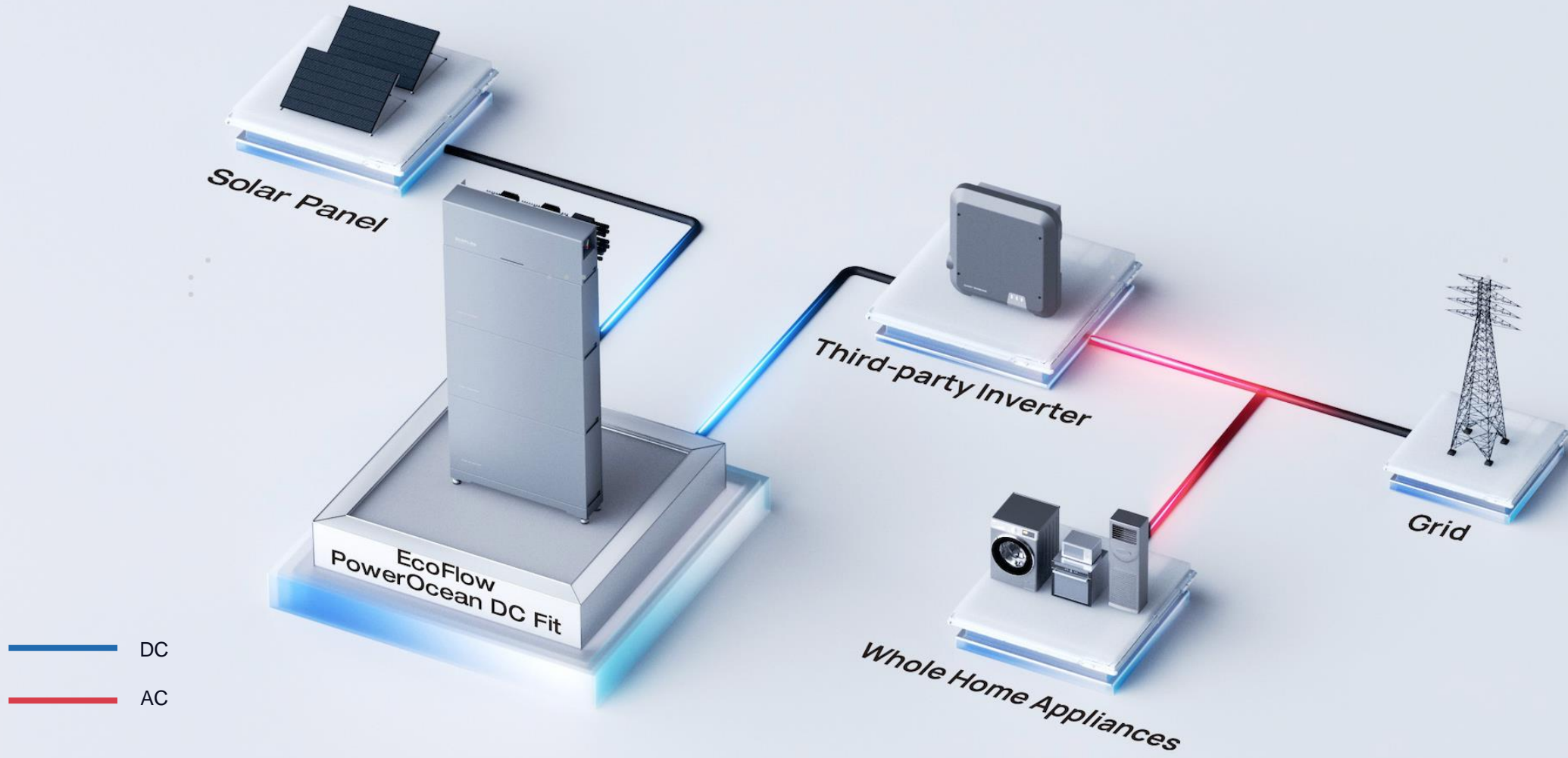


In the current storage retrofit market, both DC-coupled system and AC-coupled system can hardly meet user's needs in terms of installation, power efficiency, and cost-effectiveness.

This has been a long overlooked market, and the industry is looking for a new technology.



How PV coupling solution works?



PV Coupling Solution vs. Other Solutions

	PowerOcean DC Fit	DC coupling	AC coupling
Direct connection with PV system	✓	✗	✗
No additional storage inverter	✓	✓	✗
No replacement of the existing solar inverter	✓	✗	✓
No change on the AC wiring	✓	✓ ¹	✗
No on-grid permit	✓	✓ ²	✗

1. Change of the wire terminal may be required depending on the output port type of the existing solar inverter.

2. Depends on the output power of the new hybrid inverter.

What makes PowerOcean DC Fit special?

1

The unique PV-coupling technology

2

Affordability

3

Compatibility

4

Easy to install

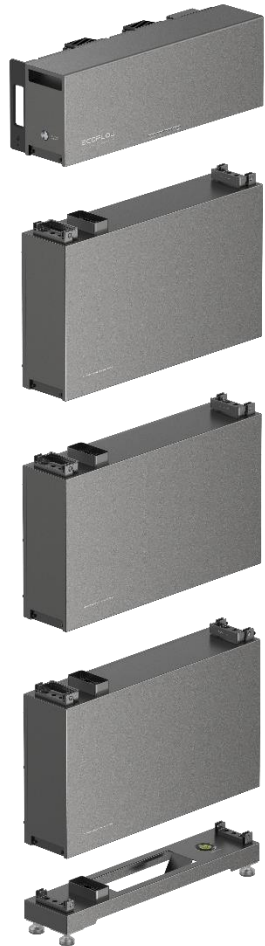
5

Enhanced Safety and Reliability



Affordability

Maximize the solar system efficiency with lower investment



Modular design, expandable anytime

- **Starting at 5kWh per battery pack:** each pack has an 800V high voltage battery to independently start single-phase or three-phase solar inverters.
- **Expanding to up to 15kWh as needed:** boost your energy self-sufficiency with more flexibility and lower investment.

Easy to Adapt

Wide compatibility with most solar inverters

Utilizing EcoFlow's cutting-edge self-adaptive control algorithm, PowerOcean DC Fit retrofit battery storage solution smartly mitigates the risk of oscillation between the PV-coupled battery system and third-party solar inverters.*



The existing third-party
solar inverter



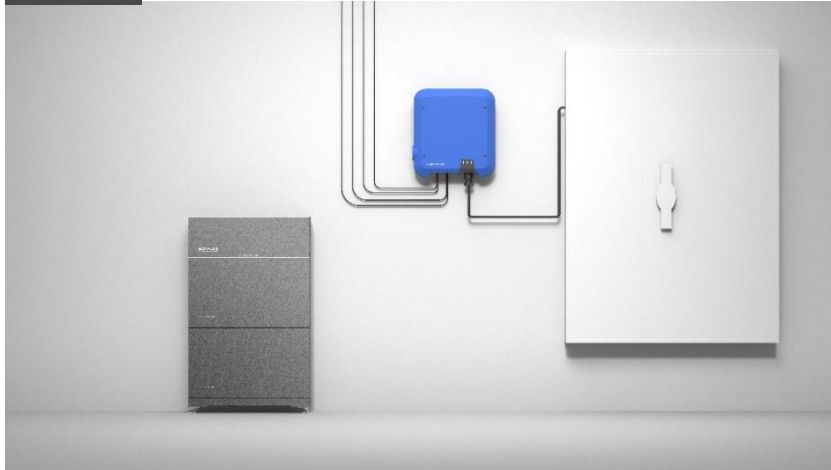
Electrical panel

*Please note that the compatibility data presented here originates from EcoFlow's laboratory and the use of this product may be potentially subject to specific compatibility restrictions imposed by third-party inverters.

Easy to Install

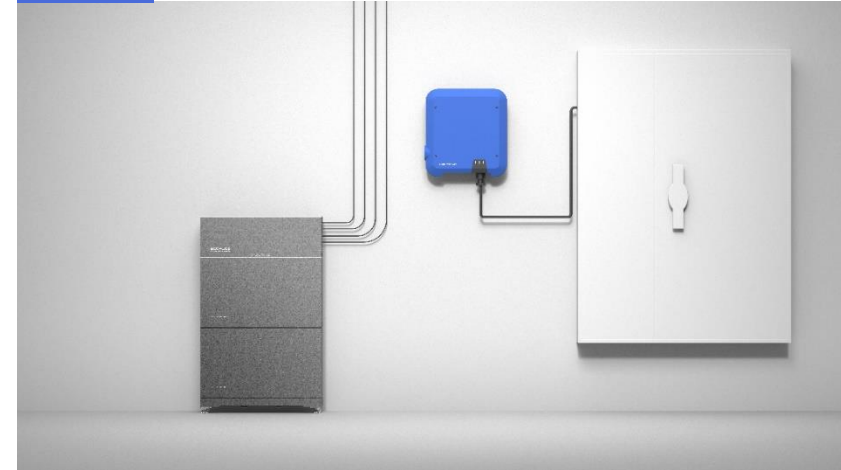
Setup with fewer changes and easier steps

Before



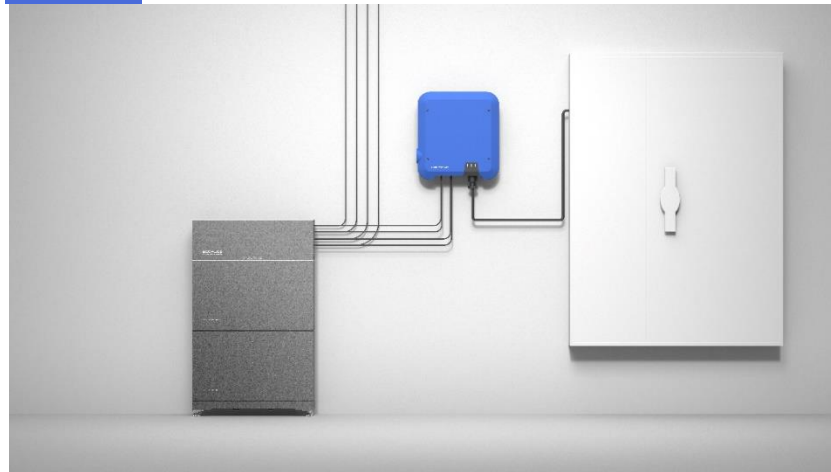
Step 1

Connect PowerOcean DC Fit to the solar panels



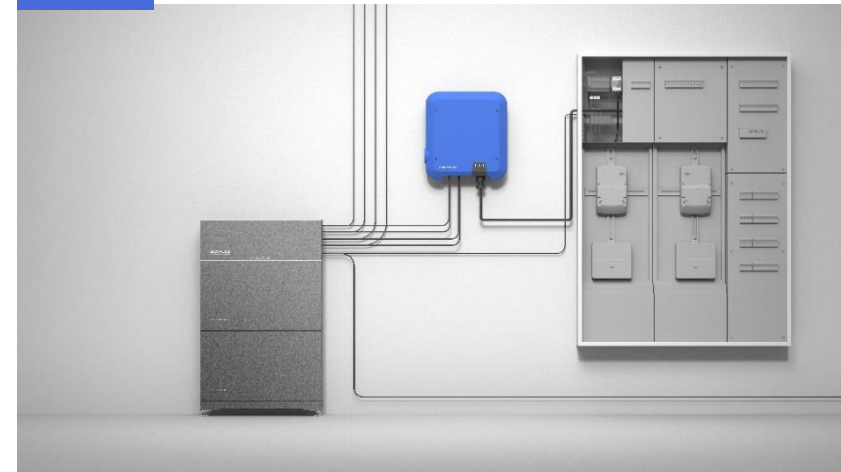
Step 2

Connect PowerOcean DC Fit with the solar inverter



Step 3

Integrate the smart meter into the panel box



Enhance Safety and Reliability

Industry-leading battery performance

800

high voltage

LFP

battery from CATL

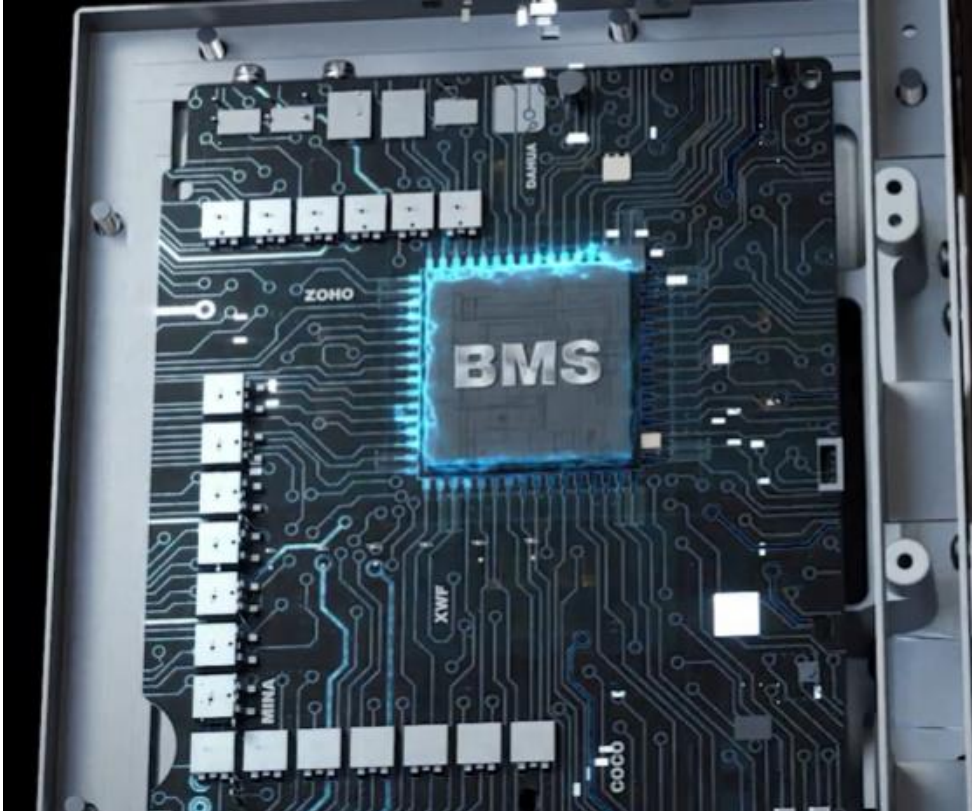
15 years

industry-leading warranty

IP65

weather proof





Integrated BMS in every pack for hazard isolation

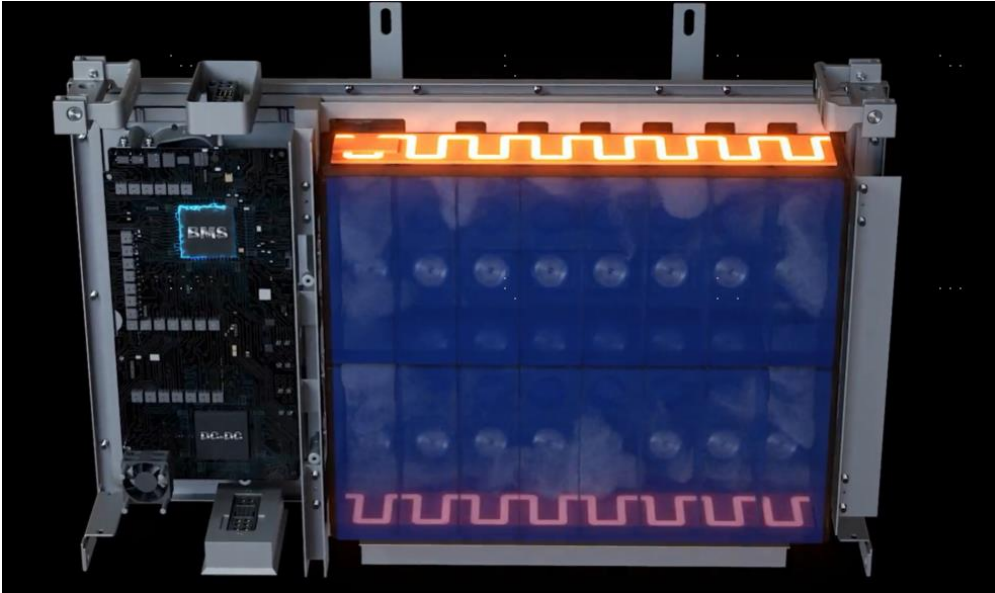
- Parallel connections avoid the mutual influence of batteries.
- Each battery has its own integrated BMS module, preventing any malfunctions from affecting the rest.
- The new battery is perfectly compatible with the old one.

* Compliant with GDPR with local server in Germany.



Fire-prevention module in every pack

Actively detect battery temperature, and will be immediately activated when it reaches 170°C.



Auto heating module

Each pack is equipped with heating modules to work smoothly in winter.



IP65 rated weather proof

Meet the Unique All-in-one Design

All-in-one minimalist design

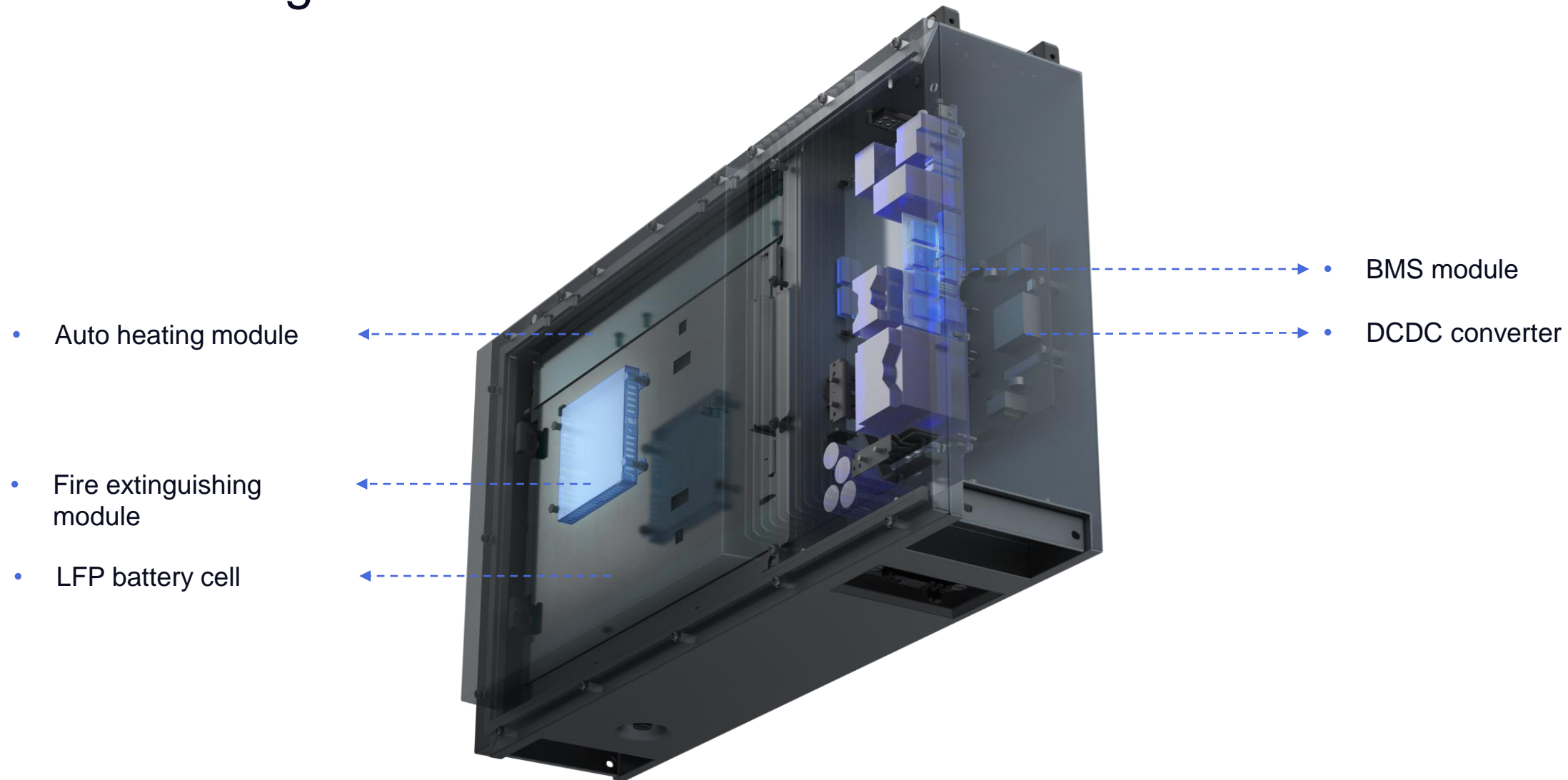
seamlessly integrate the battery and storage converter into one system.

Ultra-thin compact size

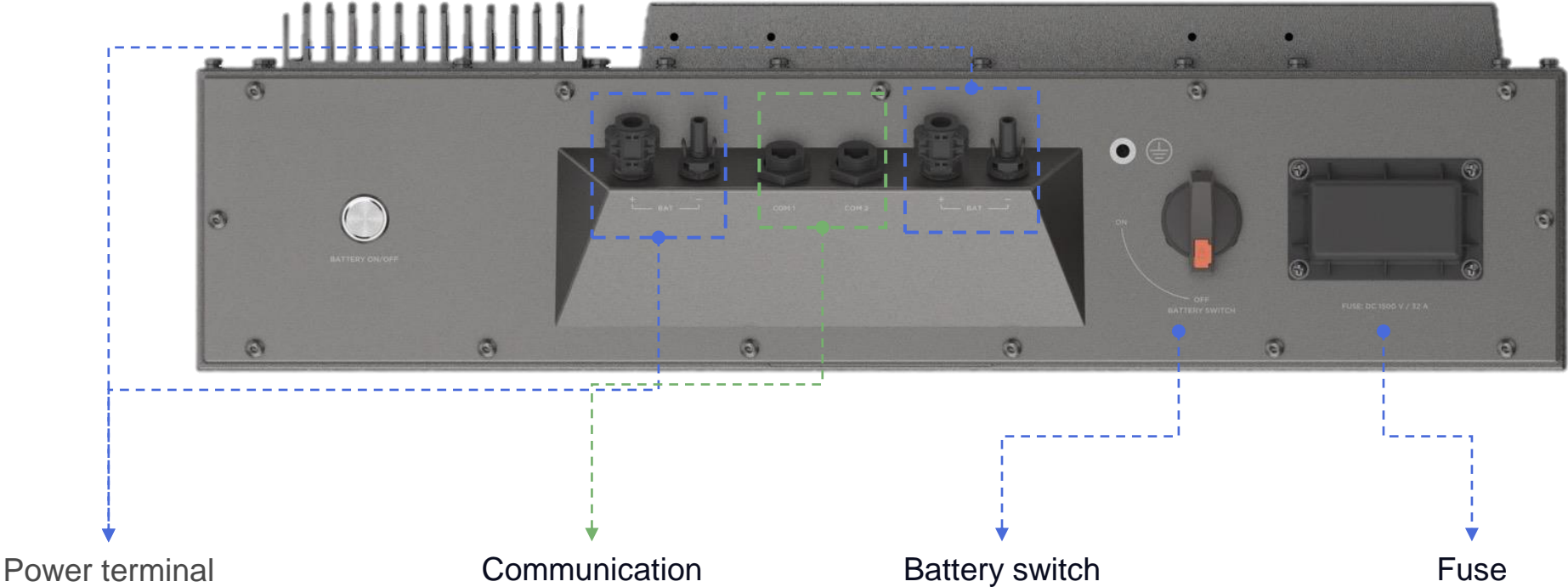
neatly fit in the basement or garage, saving more space for other appliances



Structural Design: Internal



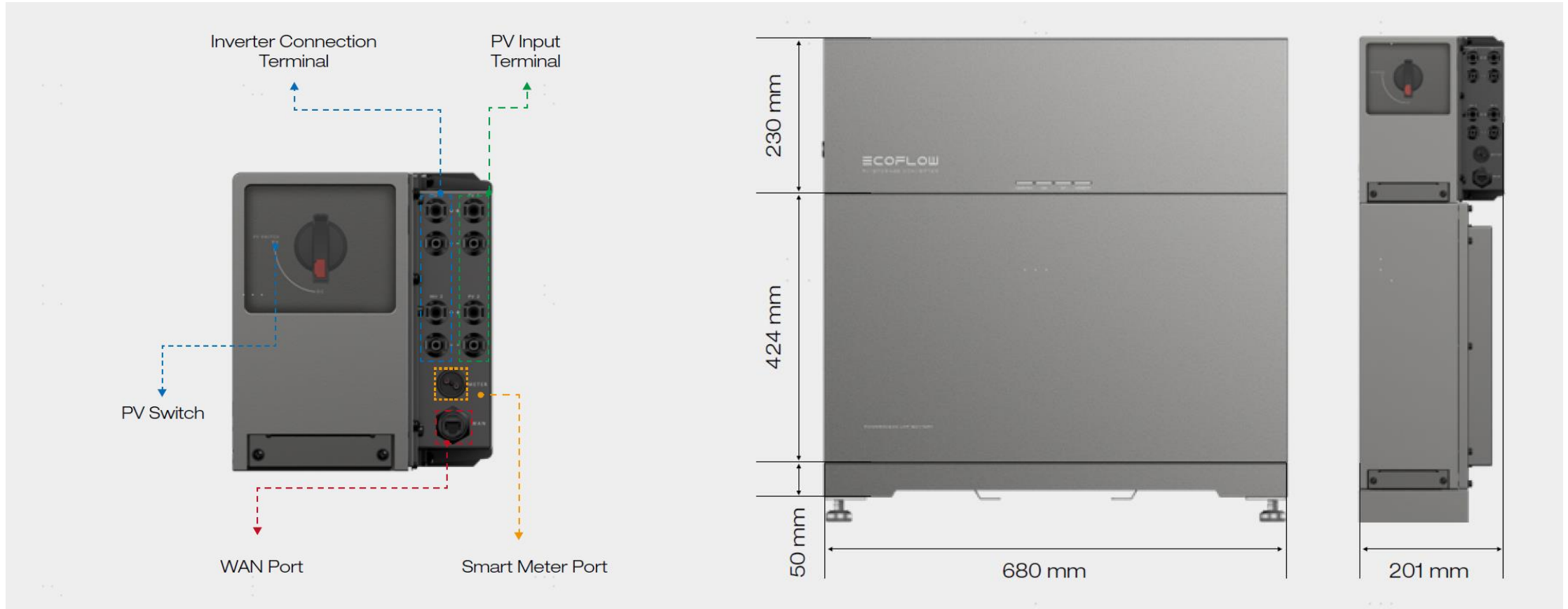
Structural Design: Terminals



Certification

Battery		
Region	Certification	Certification Standard
EU	CB+CE+TUV mark	IEC/EN62477
EU	CB+CE+TUV mark	IEC/EN62619 (EN ISO 13849)
EU	Transportation report	UN 38.3
EU	CE (RED RF)	61000-6-3 61000-6-1
EU	ROHS	2011/65/EU+2015/863/EU
EU	REACH	(EC)No1907/2006
EU	REACH Annex XVII	REACH Annex XVII
EU	PAHs	ZEK01.4-08
EU	POPs-SCCP	POPs
EU	WEEE	2012/19/EU
EU	EPR registration	Germany, France: WEEE Package+battery+recycle registration

Specifications



App and Web Portal For Users: Function Comparison

	EcoFlow App https://download.ecoflow.com/app	EcoFlow Web Portal
Real-time energy flow	Y	Y
Historical data of solar, consumption, grid, and battery	Y	Y
Energy independence report	Y	
Energy earnings report	Y	
Impact report	Y	
Customizable widgets	Y	
Work mode	Y	Y
Storm watch automation setting	Y	
Electricity tariff setting	Y	Y
Error code	Y	Y
Firmware update	Y	
LiveChat	Y	Y
Map view		Y
Dashboard of multiple systems		Y



App and Web Portal For Users: Function Comparison

	EcoFlow Pro App	EcoFlow Pro Web Portal
Commissioning	Y	
Dashboard of multiple systems, i.e. monitoring multiple systems at a time		Y
Map view for monitoring multiple systems		Y
Detailed troubleshooting solutions for system faults	Y	Y
LiveChat	Y	Y