



ALL-IN-ONE ESS

One, and done

Redefine Powerful Solar Energy with Safety and Simplicity



Extremely Easy Installation

No Old-Circuit Adjustment | No Meter or CT Required | Zero Cabling Design

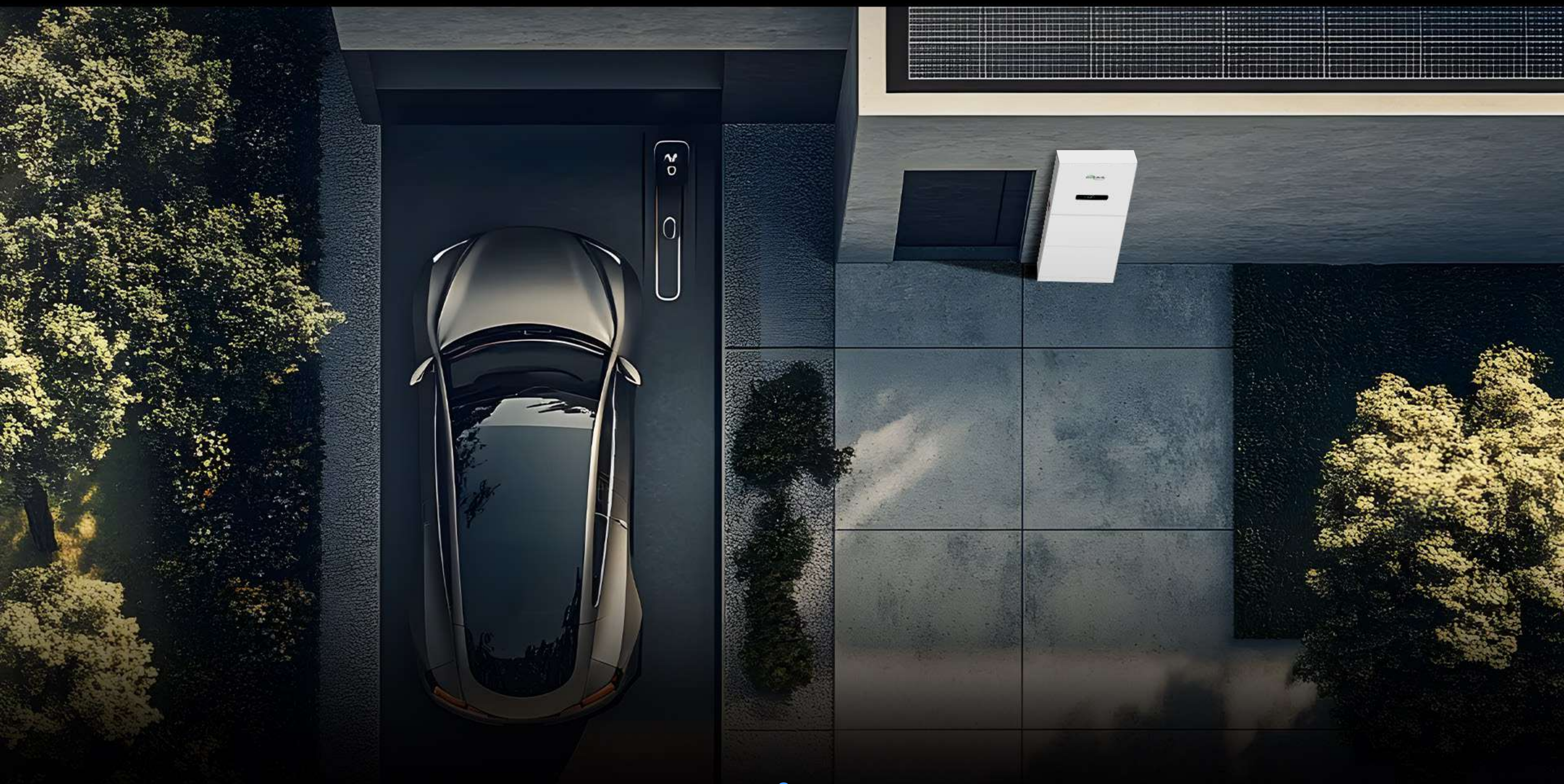
Automotive Grade Safety

CCS Technology | Suspended Cell Module Architecture | Integrated Smoke Detection

Ultimate Experience

Instant UPS-Level Switching | AI-Powered Management System

Installation has never been easier



No Meter or CT Required

Powered by **HYXiPOWER's one-of-a-kind energy management technology**, the All-in-One ESS eliminates the need for meters, CTs, or additional accessories – delivering a **true all-in-one solution**. Exclusive, unmatched innovation – only from us.

Broad Compatibility Uninterrupted Power

Universal PV Compatibility

Supports mainstream third-party PV systems, including string and microinverters – no protocol matching or communication cables required.



MicroGrids Solution for Stable Power Supply

Maintains third-party PV operating during grid outages—overcoming anti-islanding limitations.

System-level Export Control

Enables total system export limit setting and provides zero-injection protection—even when third-party PV systems don't support it.

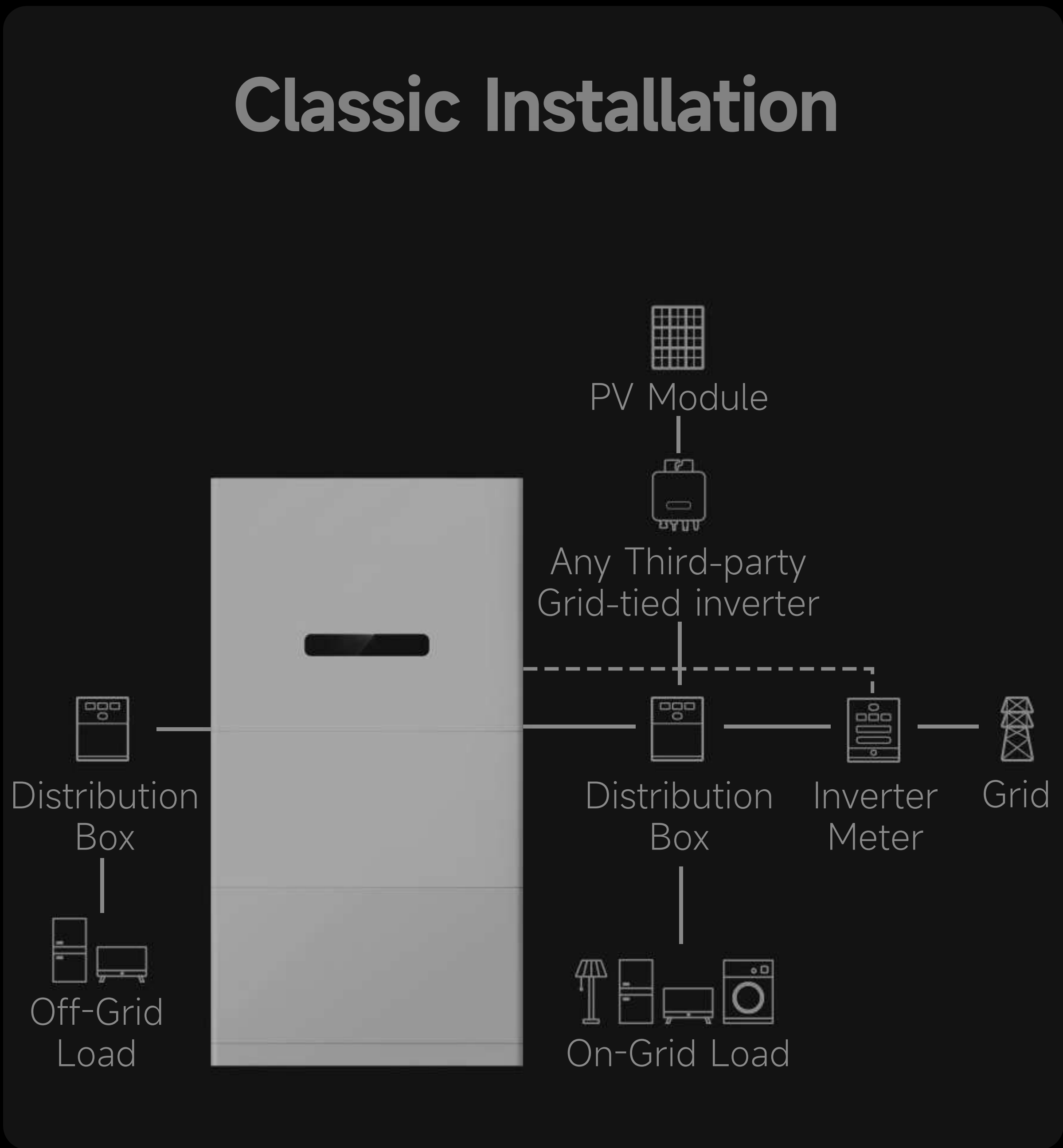
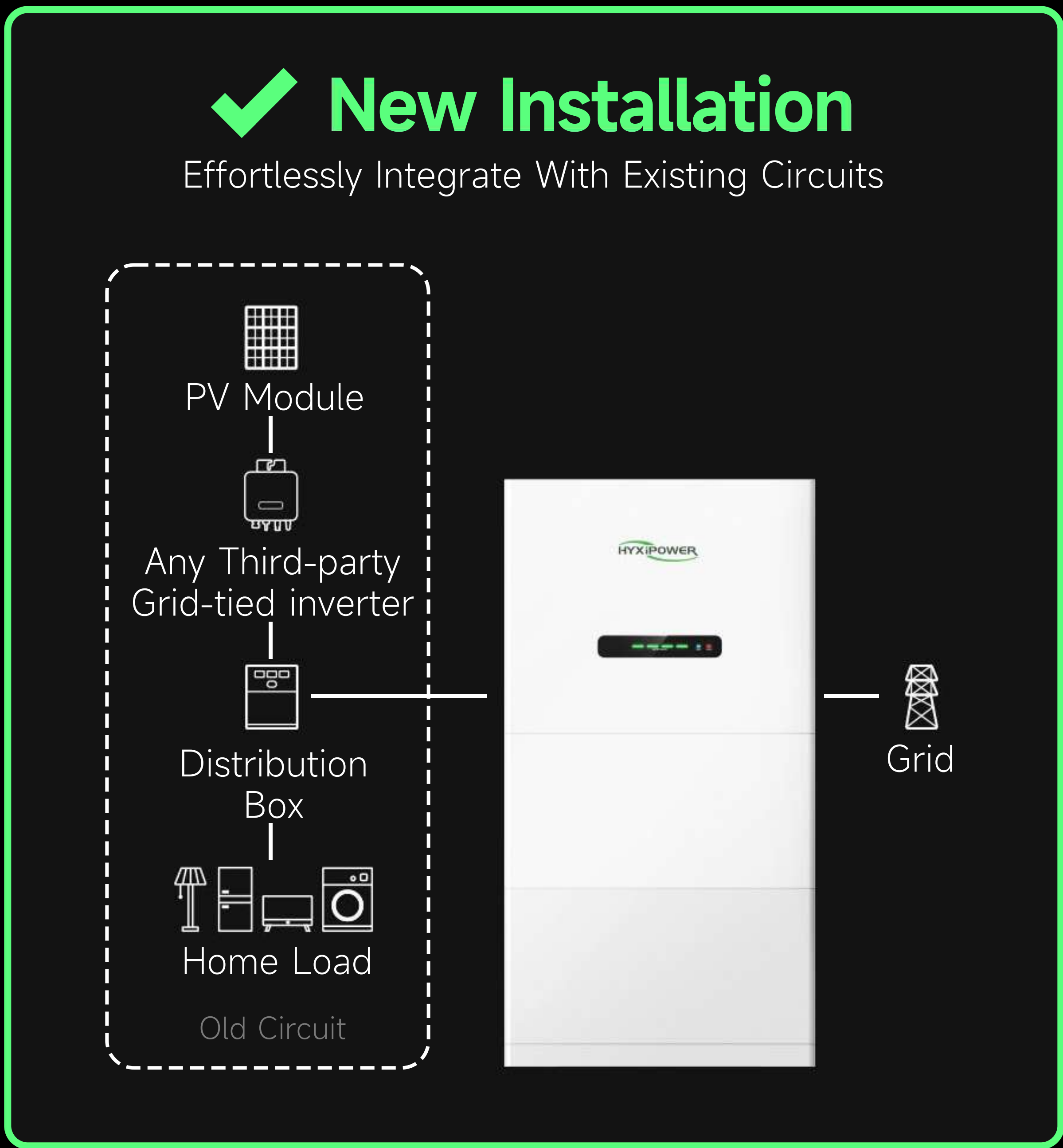




No Old Circuit Adjustment

New way of Installation with up to 70% time saving

No electronic system adjustments needed. This next-generation energy storage solution allows fast, straightforward installation, eliminating the need for complex rewiring or modifications.



*Installation scenarios may vary based on installers and homeowners requirements. And we still offer full support for traditional installations as you need.

Easily Stack & Install

The Power you need in minutes

An installation experience that truly minimizes cabling. With easy stack-on/off design, adjust capacity on demand —making installation and inventory management simpler than ever.

5 Mins
Speedy Installation

0 Cable & Accessories
Truly Worry-Free

1 Universal Pack
Flexible & Stackable

7 Screws Only
For the Entire Installation

Traditional

✗

Requires Complex Wiring
+
AC & Backup Connectors

VS

HYXiPOWER

✓

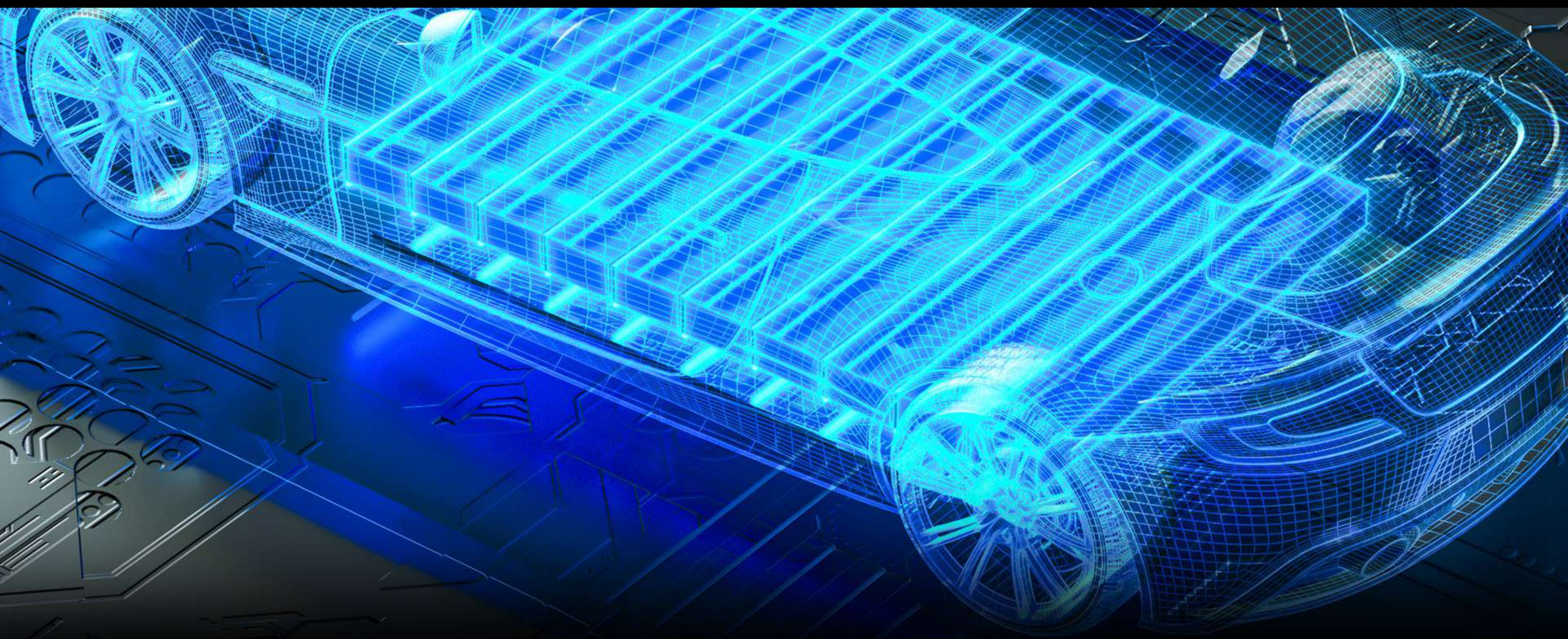
Barrier Terminal Block
Skip complicated wiring setups

✓

Quick Plug-in Connection
Instant, cable-free connections

Bringing Automotive Grade Safety into Your Home

Built with automotive-grade components and A+ battery cells, enhanced by advanced Cell Connecting System technology, ensuring highly efficient energy management and optimal performance.



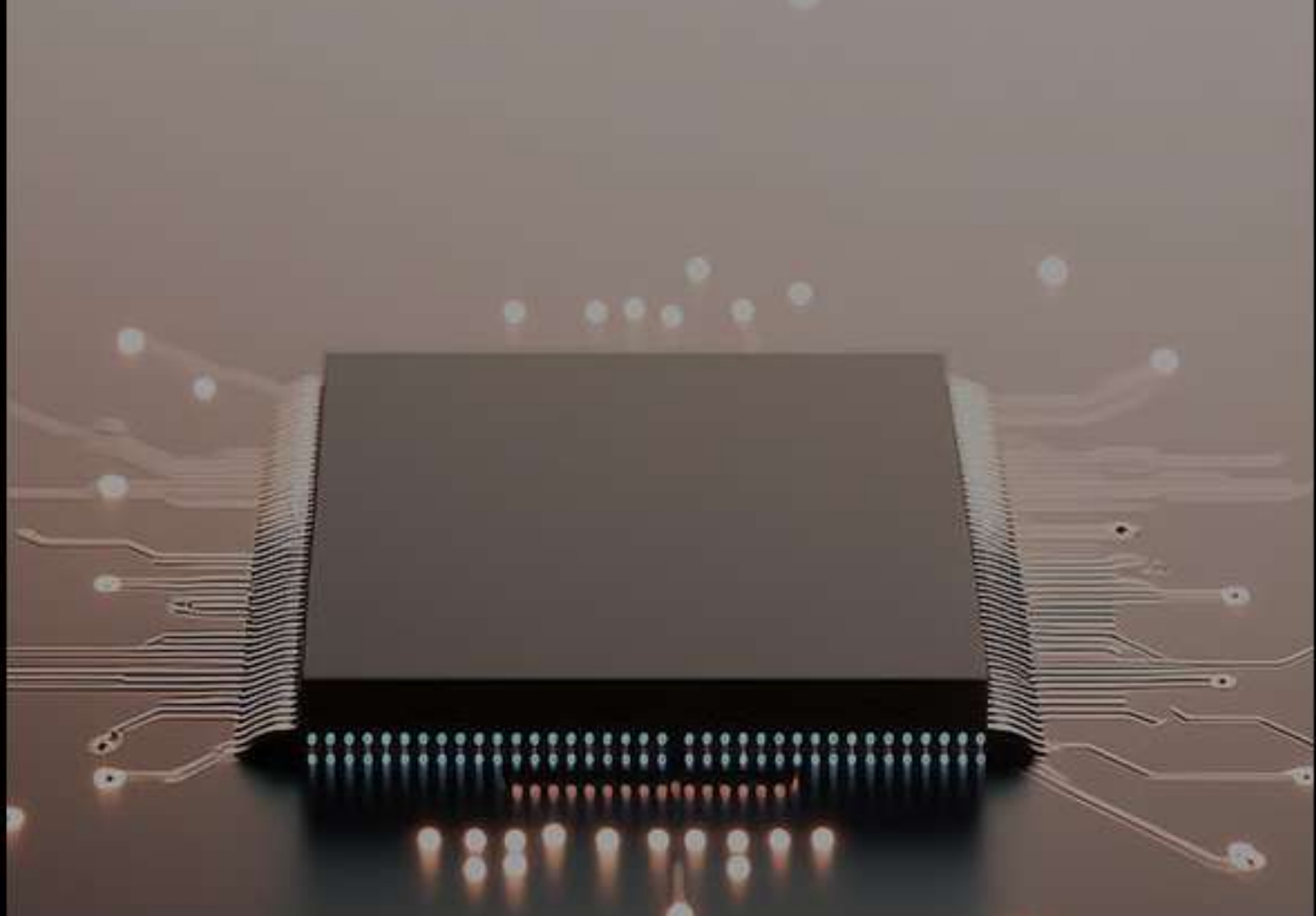
01 Brain Layer - Automotive-Grade BMS Precision Control & Safety

Fully Self-developed



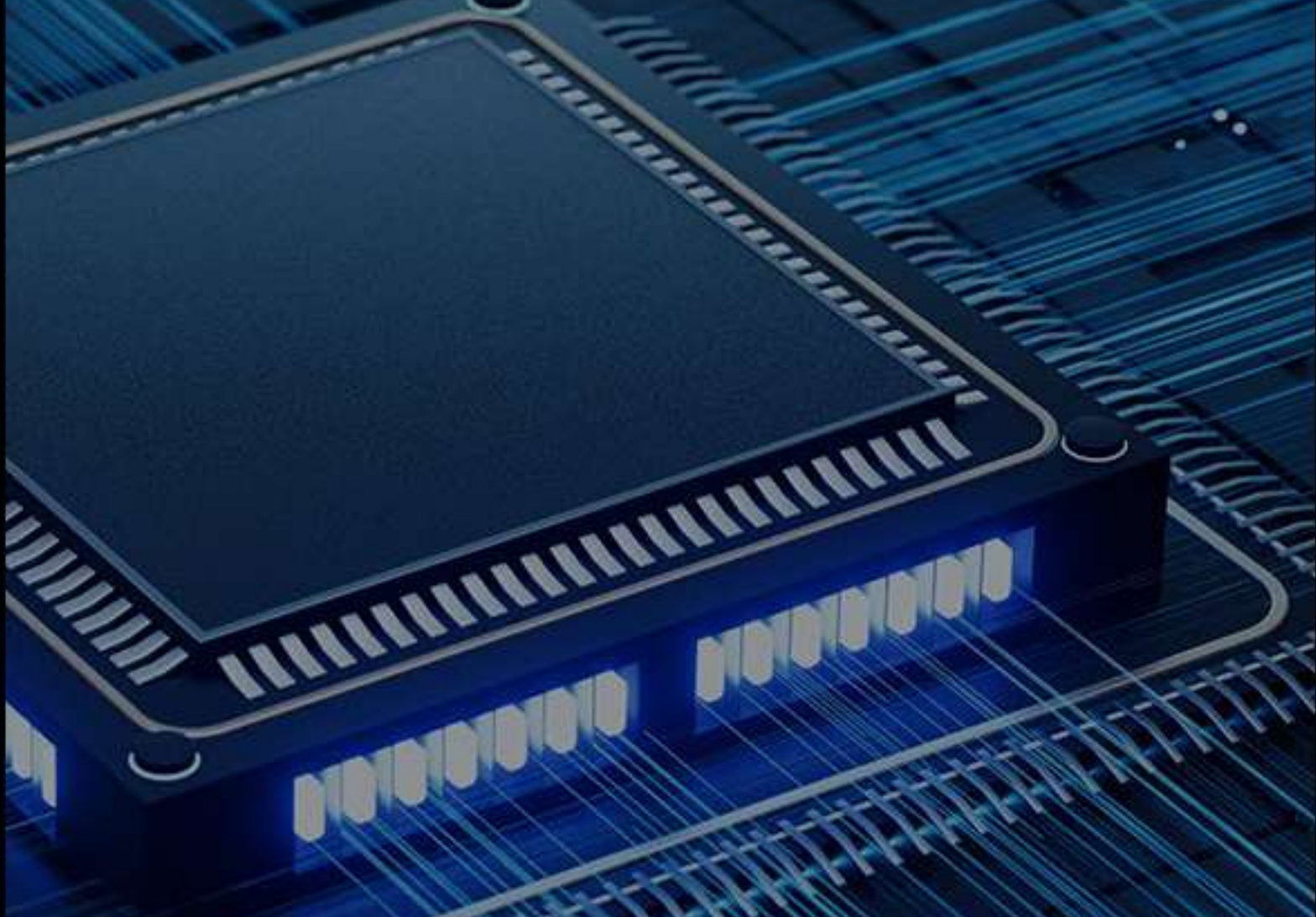
High-precision measurements, minimal error, and rapid response for optimal safety and performance.

NXP MCU Featured



High-precision, anti-interference, and long-term stability in accuracy.

TI AD Sampling Chips



Delivers ultra-precise voltage, current, and temperature monitoring.

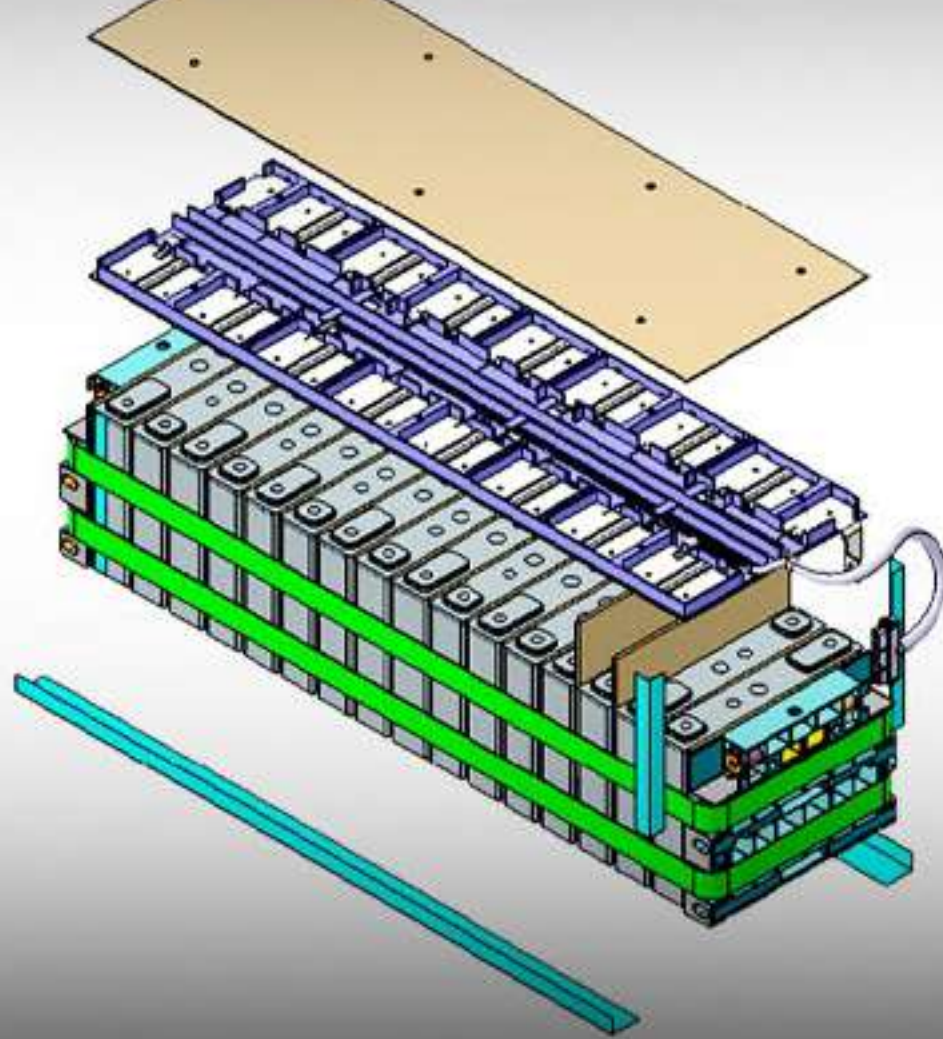
02 Core Layer - Automotive-Grade Stability & Efficiency

One-Piece Molded Cell Connecting Technology



Built as one, zero weld points, maximum reliability.

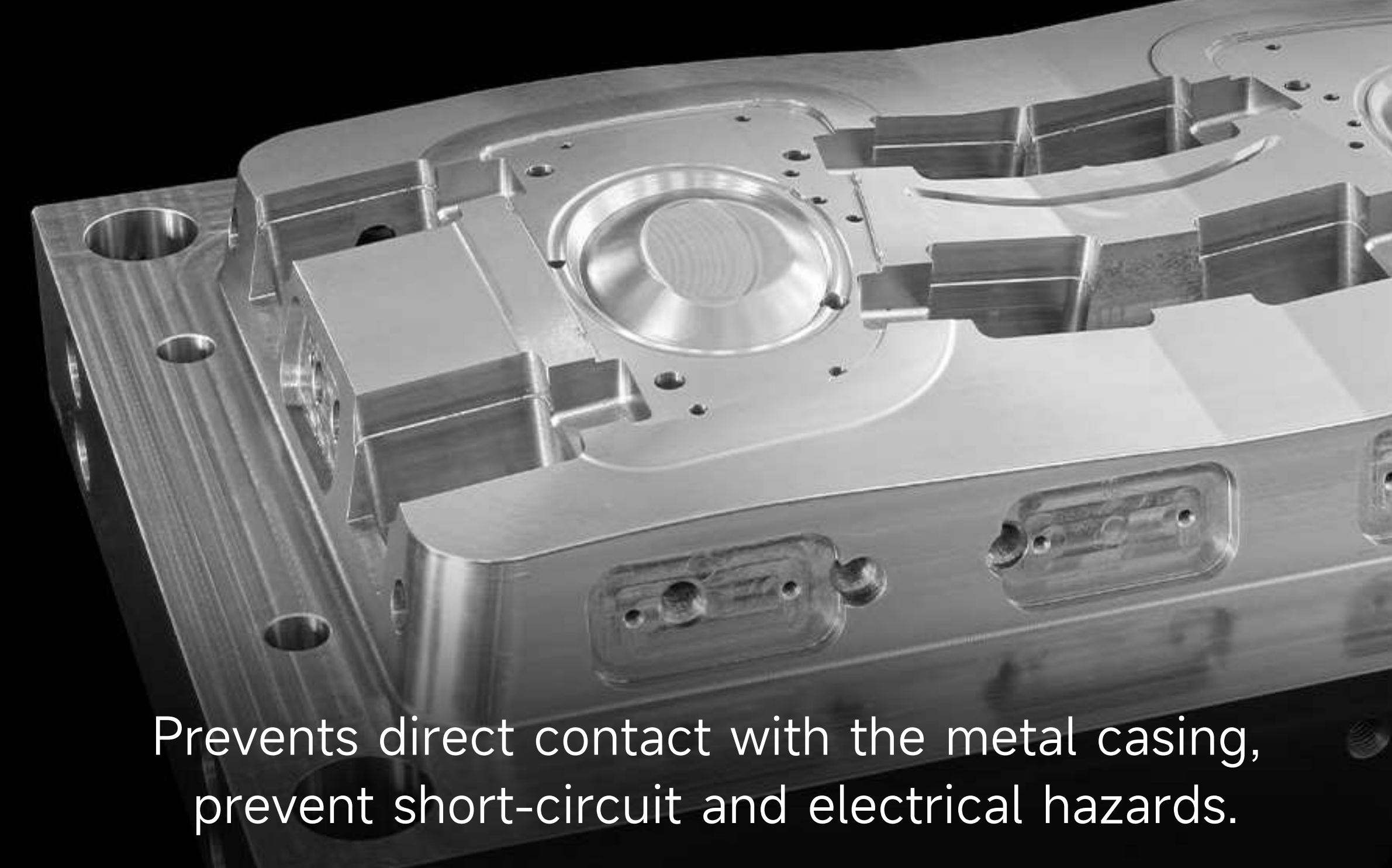
MPP Polypropylene + Epoxy Insulation Structure



Absorbs expansion forces, prevents deformation, and ensures long-term stability for energy storage systems.

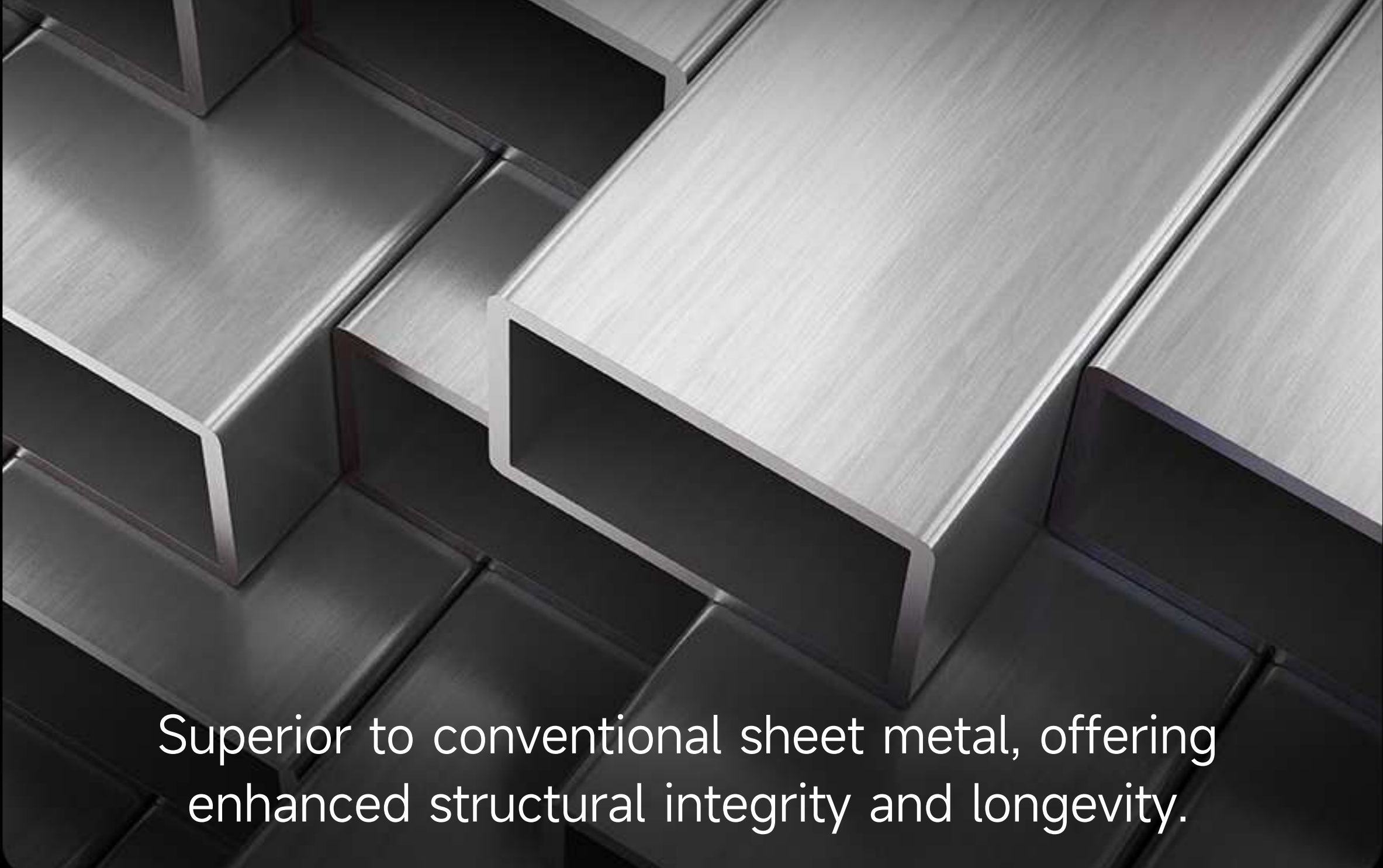
03 Armor Layer - Automotive-Grade Battery Pack Reliability & Resilience

Suspended Cell Module Architecture



Prevents direct contact with the metal casing, prevent short-circuit and electrical hazards.

Automotive-Grade Stainless Iron Housing



Superior to conventional sheet metal, offering enhanced structural integrity and longevity.

Power On No Matter the Weather

Keep your lights on and appliances running, even during outage. The All-in-One ESS ensures seamless solar energy flow and switches effortlessly to stored energy power when needed.



Layered Protection Inspiring Reliable Trust



Active Pressure Release Protection

Active Pressure Release Technology acts as a vigilant guardian for your solar energy storage system, quickly reducing oxygen levels and eliminating combustion sources to prevent explosion.

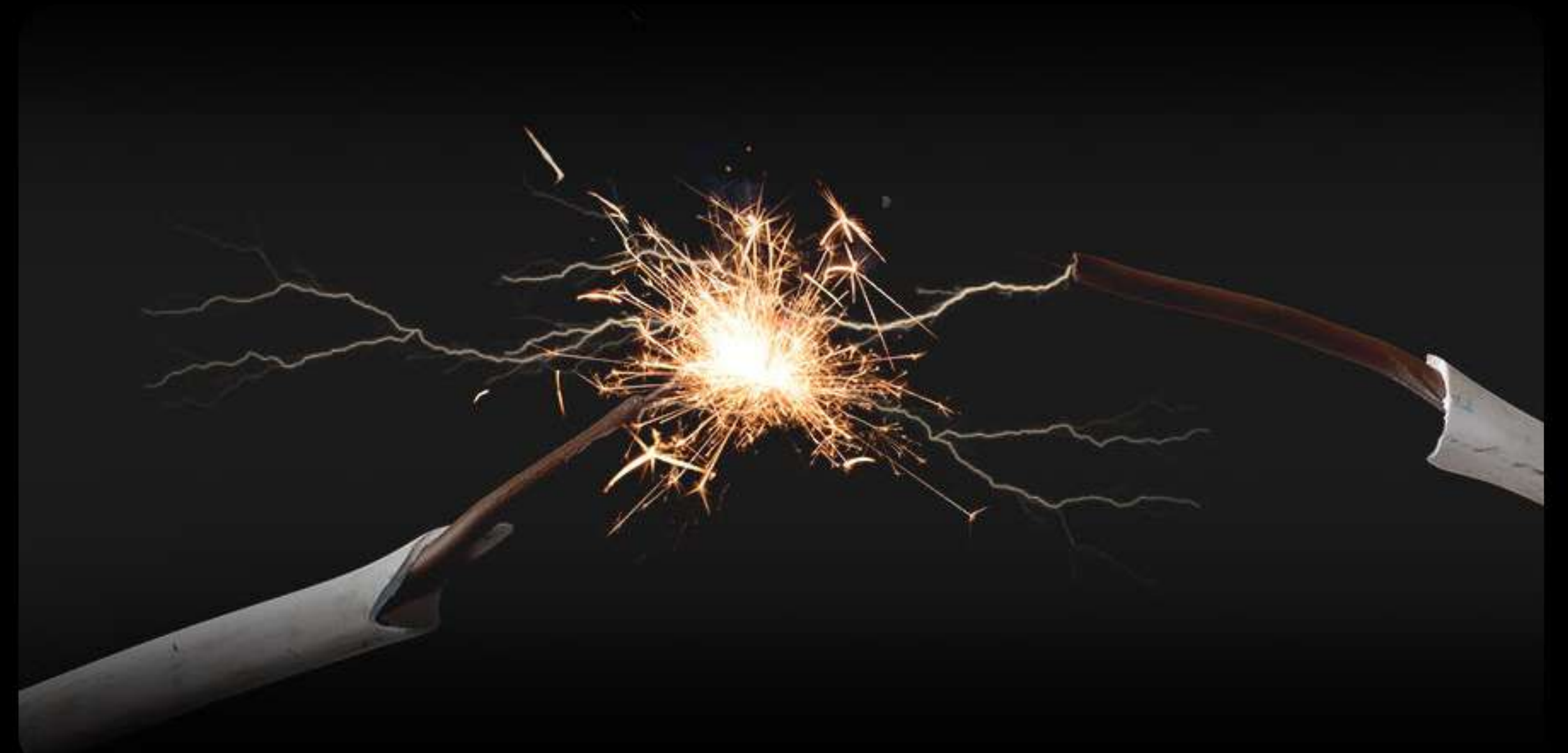


Lightning-proof Protection

Equipped with Type II DC/AC surge protection, specifically engineered to shield your electrical equipment from damaging voltage spikes.

Intelligent AFCI Detection

Features Intelligent AFCI Detection with Rapid Shutdown (RSD) support, ensuring immediate disconnection in emergencies and safeguarding equipment and personnel effectively.



Intelligent Fire Preventive Protection

Continuously monitors internal pack safety and proactively eliminates potential fire risks. As your trusted safety partner, it protects your energy storage system and home — 24/7.

Grid friendly 3-Phase unbalanced



3-Phase Unbalanced – For Loads

Allows the energy storage system to dynamically adapt to varying load demands across phases, optimizing power delivery for residential and commercial applications.

3-Phase Balanced – To Grid

Stabilizes grid operations by maintaining equal power distribution across phases, improving energy transmission efficiency, supporting grid reliability, and extending operational lifespans.

Ultimate Experience Beyond Power

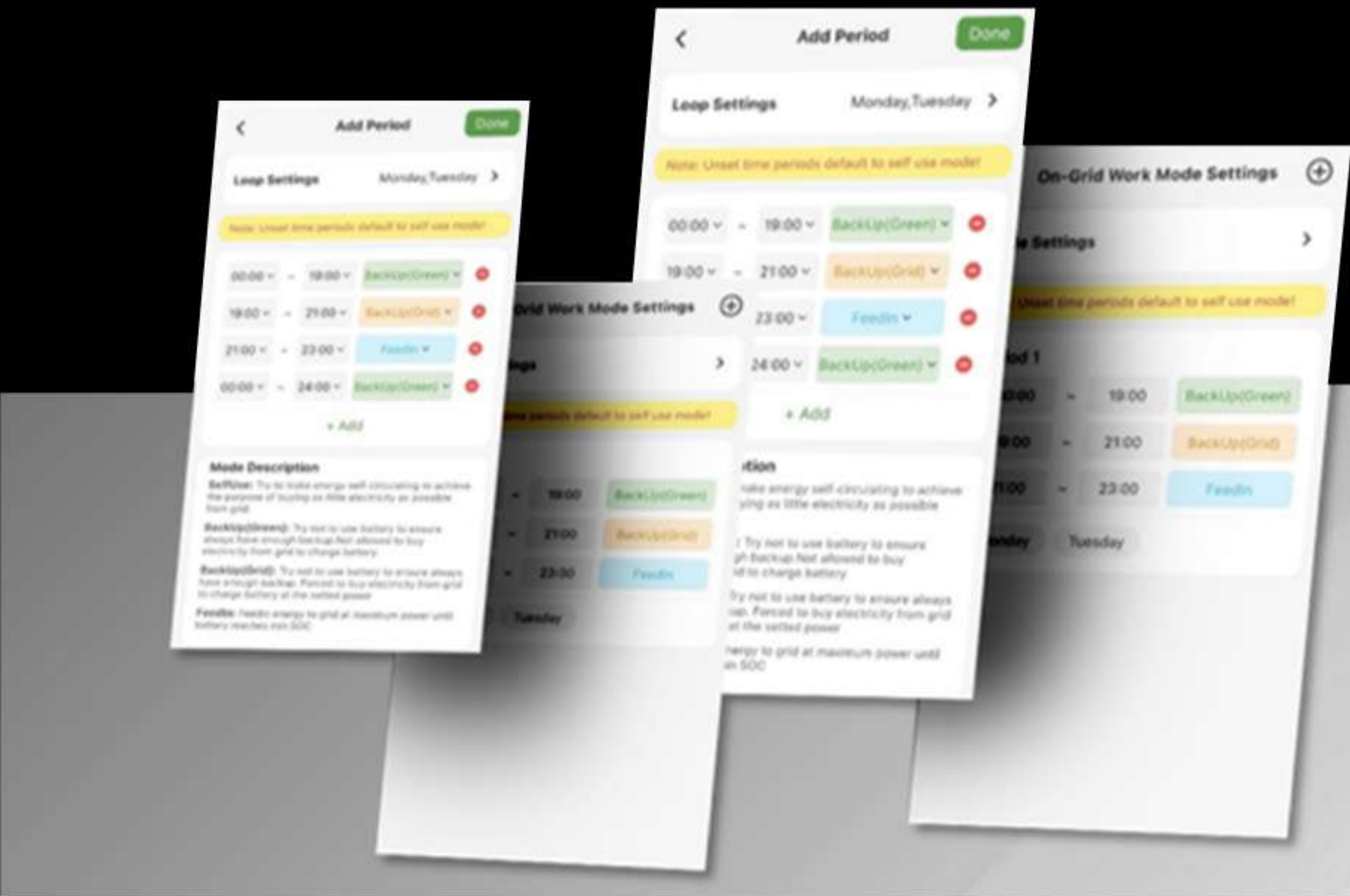


UPS-level Instant Switching

Seamlessly switches between on-grid and off-grid modes within milliseconds to ensure continuous power supply.

Time-Segmented Work Mode

Maximize Savings, Ensure Backup, and Optimize Power Usage



HYXiPOWER Smart Energy Platform

One-click website setup, intelligent diagnostics, and robust IoT security—powering a smarter, safer energy experience. AI-driven management maximizes efficiency, minimizes costs, and boosts returns.

Freedom to Install Anywhere



Product Selection Guide

Product Model	HYX-H9K-HTA		HYX-H15K-HTA	
Feature				
	10 kWh	15 kWh	20 kWh	25 kWh
	2 battery modules	3 battery modules	4 battery modules	5 battery modules
	6,600W Max. Continuous Output Power	9,900W Max. Continuous Output Power	13,200W Max. Continuous Output Power	16,500W Max. Continuous Output Power
	160% Rated Max. input power			

