EASYWAY ENERGY EASYWAY ENERGY

Lithium Battery

UNIV-16kWh(WP)

Basic Specification

Nominal Energy: **16.08kWh(51.2V,314Ah)**

Max.Discharge Current: **200A**

Operating Temperature: **Charge:0~55℃/-20-55℃(optional)**

Discharge:-20~55℃

Expandability: **Up to 20 parallels**

Depth of Discharge(DOD): **90%**

Communication: **CAN/RS485**

IP Rating: **IP65**

Safety & Protection: **Aerossol Fire Suppression**



Heating

Built-in heating function(optional)

Safety

Built-in aerosol fire extinguisher

With WiFi

WiFi

WaterProof

High water proof strength

Wide Compatibility

Matching with multiple inverters, used in different scenarios (On-gird/Off-gird)

Lithium Battery

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Appearance





Mounted with the wheel,more convenient

Lithium Battery

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Appearance



Battery negative socket

DC Breaker

Battery positive socket

CANBUS

RS485A

RS485B

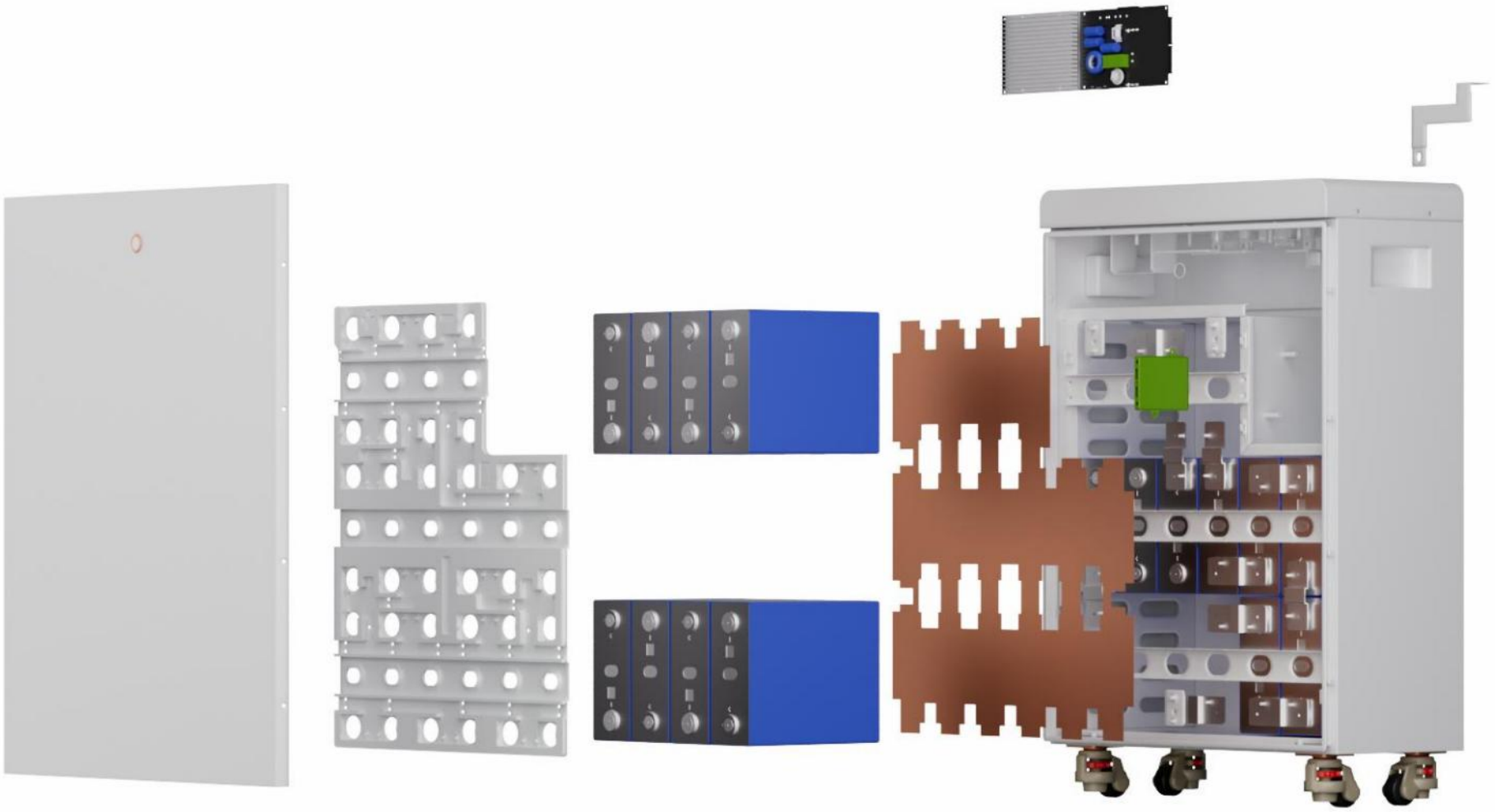
WiFi antenna

Grounding point

UNIV-16kWh(WP)

Lithium Battery

Exploded Diagram



UNIV-16kWh(WP)

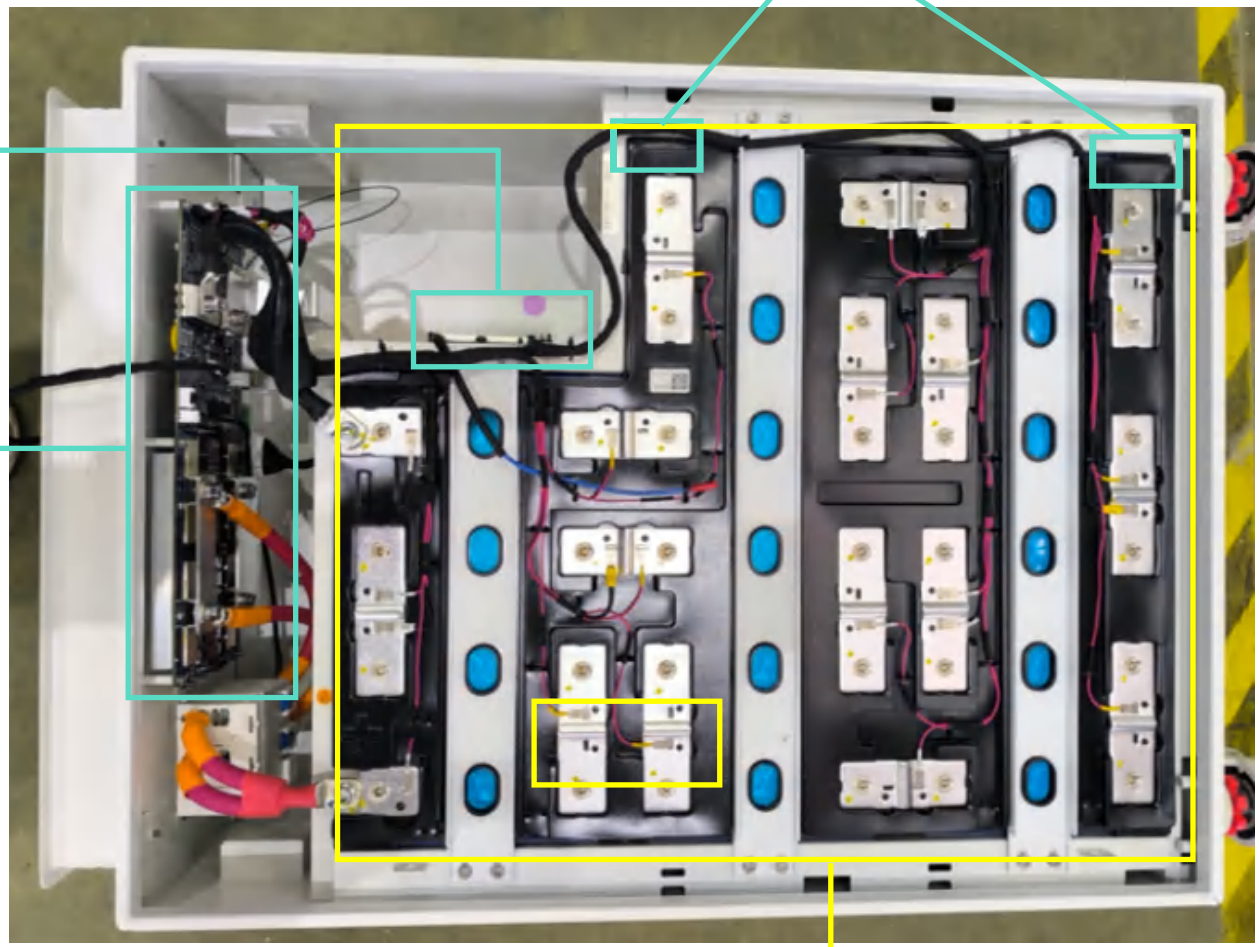
Lithium Battery

Structural Analysis

Plastic bracket：Designed to separate the cells and enhance heat dissipation

aerosol fire extinguisher

BMS Board: Position on the side, preventing accumulating around the circuit board heat from the battery cells, which could affect its performance

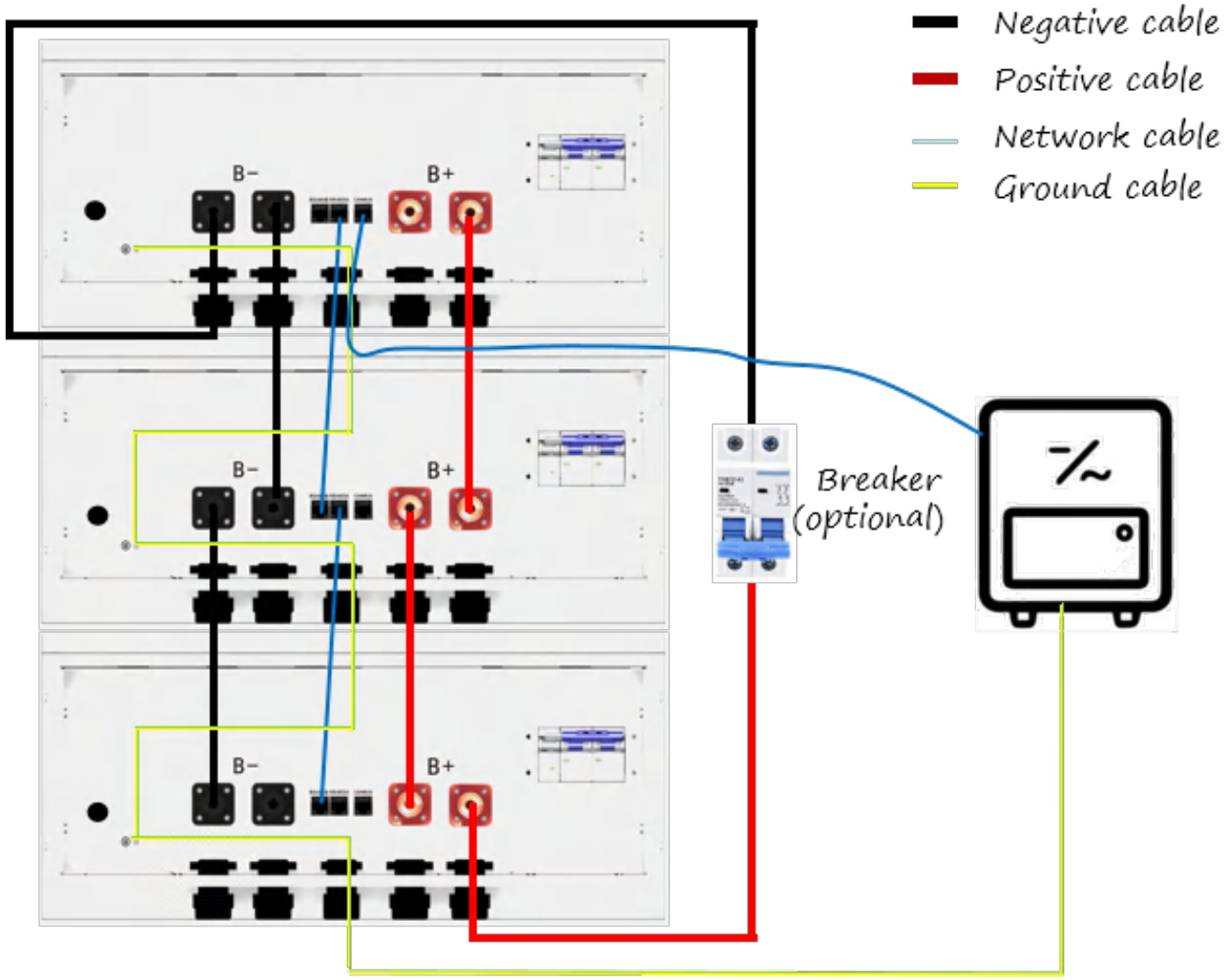


CCS: The sensing wires are welded, providing a more secure and reliable connection.

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Connection Diagram



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Installation Case

UNIV-16kWh(WP)

Addressing the electricity-related concerns of an emergency situation for a household user.

Low Voltage System

Inverter：Solis

Battery：Easyway

UNIV -16kWh(WP)

Free-standing

≥8000 Cycles

Max 20 in Parallel

