

### Basic Specification

Nominal Energy: **10.24kWh**(51.2V, 200Ah)

Max. Discharge Current: **150A**

Operating Temperature: **Charge: 0~55°C**

**Discharge: -20~60°C**

Expandability: **Up to 16 parallels** , 163.84kWh

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

Communication: **CAN/RS485/RS232**



#### New cell

Brand new Grade-A cells



#### Large Scalability

Flexible for expansion and installation



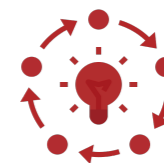
#### 10 Years Warranty

5+5 years warranty for our devices



#### LCD Display

With LCD display



#### Wide Compatibility

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



Lithium Battery

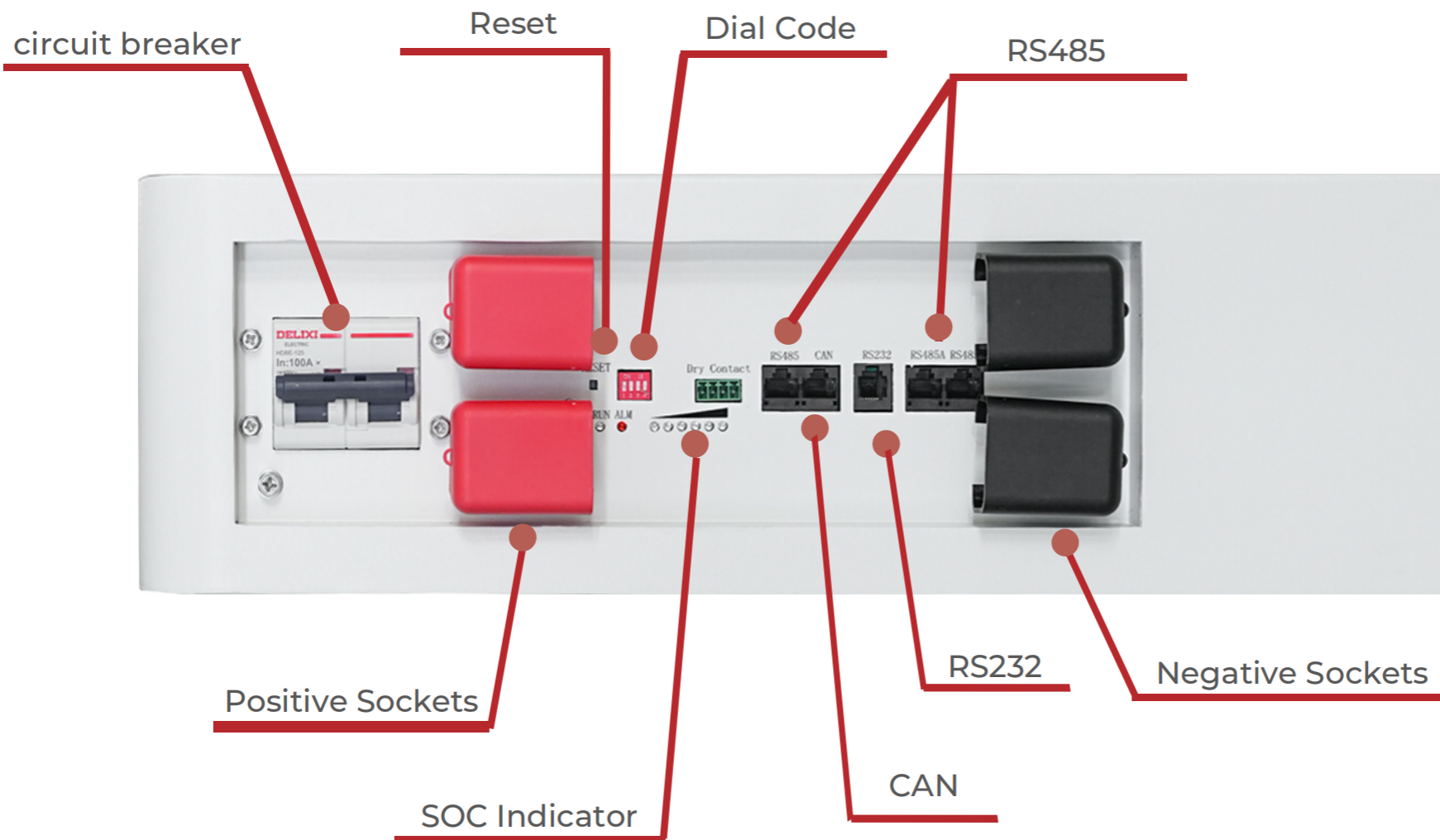
UNIV-10kWhFS

Installation Method



Free-Standing

Appearances

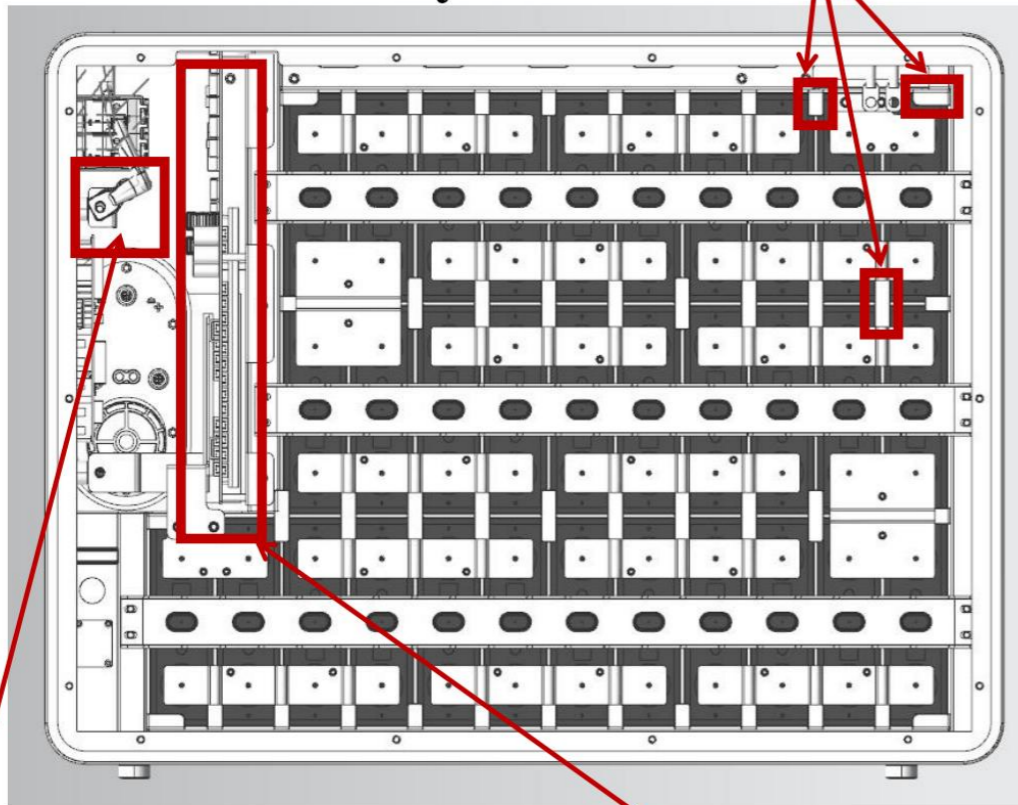


Structural Analysis

**UNIV-10kWhFS**  
**Structural Analysis**

**Plastic bracket:**

Separating the battery cells for better heat dissipation



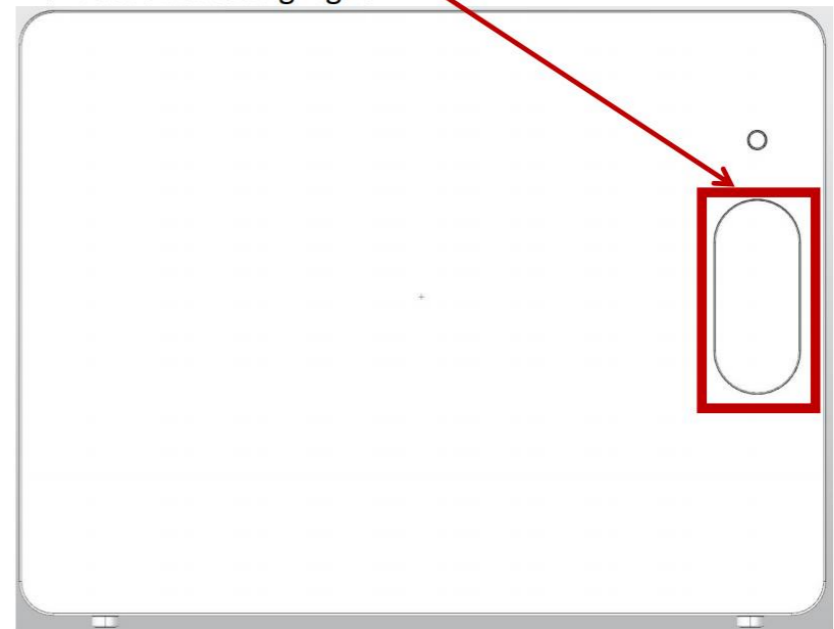
Selecting 2AWG\*2 wiring harness for higher current capacity and reducing heat generation

**BMS board:**

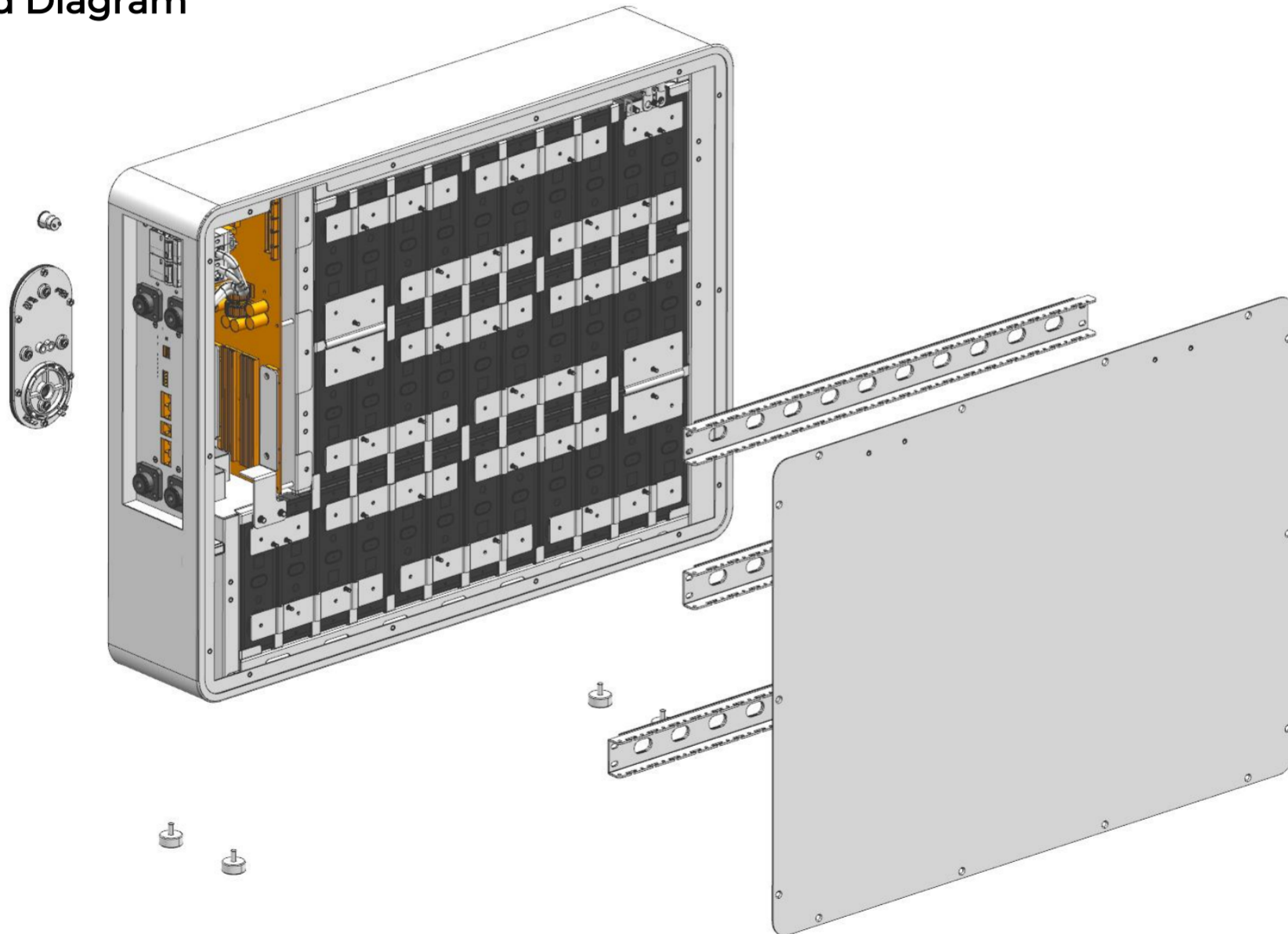
Position on the side, to prevent accumulating around the circuit board heat from the battery cells, which could affect its performance.

**Light panel :**

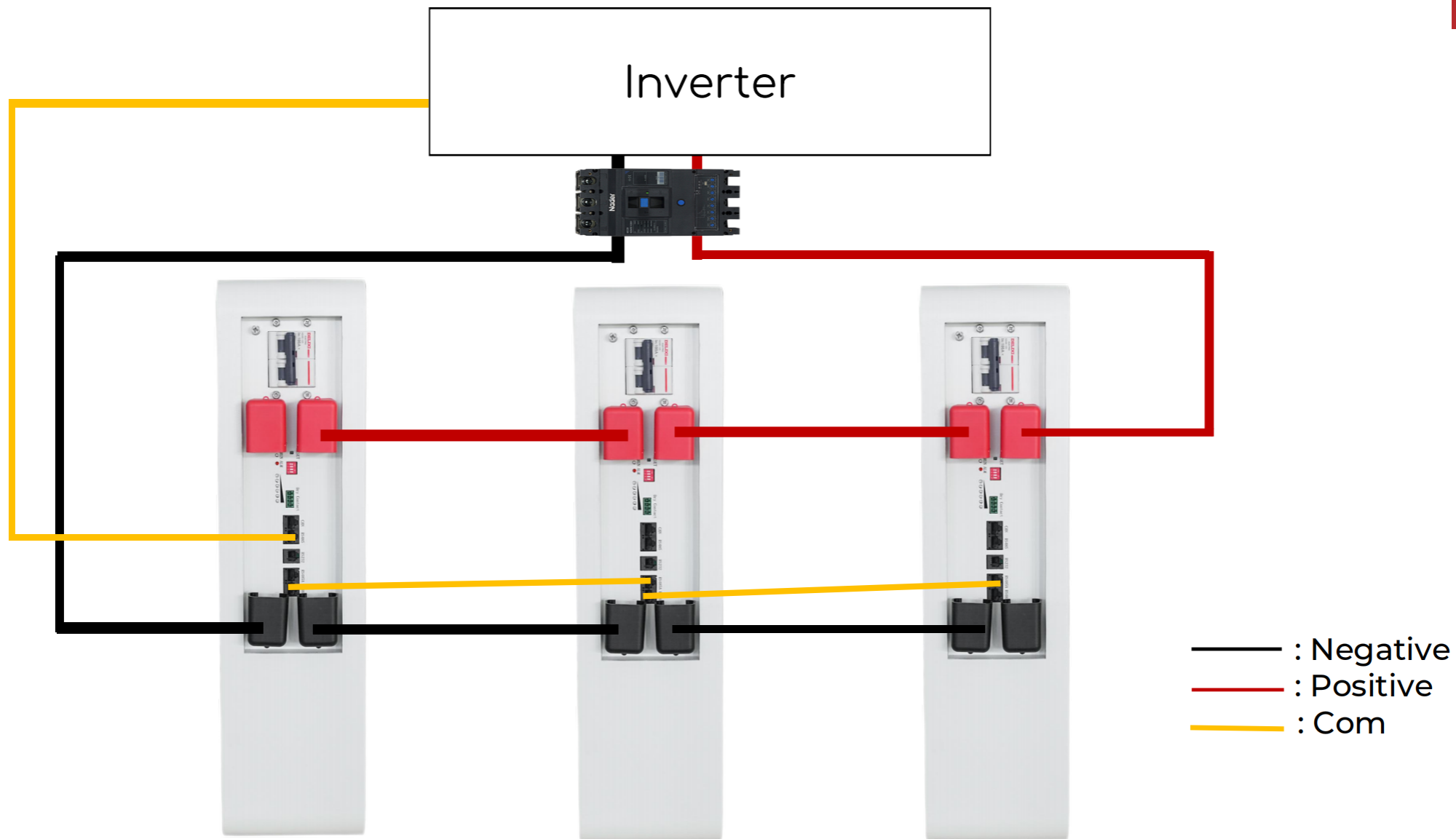
- ◆ Changing light according to SOC
- ◆ SOC running display
- ◆ Fault Indicating Light



Exploded Diagram



## Connection Diagram





## Installation Case

### UNIV-10kWhFS

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

#### Low Voltage System

Voltage: 6kW/10.2kWh

Inverter: Solis Single PhaseS6-EH1P(3-6)K -L-PRO

Battery: Easyway

UNIV-10kWhFS

51.2V200Ah packs

