



High Voltage Battery System

Battery-Box
HVS-5.9, 8.9, 11.8, 14.8, 17.8, 20.7, 23.7, 26.7, 29.6
HVM+ 8.3, 11.0, 13.8, 16.6, 19.3, 22.1
HVS+ 5.1, 7.7, 10.2, 12.8

Quick Start Guide

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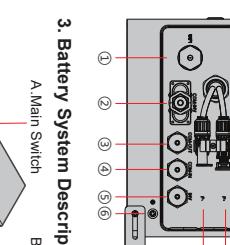
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Current input ≥ 30A	8AWG / 10mm ² Ø 0.5-7.5mm	DC Cable	OT Terminal	PE	Heat shrink tube
Current input < 30A	10AWG / 6mm ² Ø 0.5-2.6mm	CAT5E Ø 5-6mm	10mm ² -M5	8AWG / 10mm ² Ø 0.8-10mm	



No.	Description
①	WIFI
②	COM-IN
③	COM-OUT
④	INV
⑤	INV
⑥	Grounding
⑦	P+
⑧	P-
⑨	MAIN Switch

2. Safety Gear & Required Personnel

Instructions in this document may only be performed by qualified personnel with the following skills:
 • Understand how batteries work and operate.
 • Understand the working principle and operation method of the inverter.
 • Know and comply with locally applicable connection requirements, standards and directives.
 • Understand and follow this document and related system documentation, including all safety instructions.
 • Training to handle hazards associated with the installation and operation of electrical equipment and batteries.
 • Training on installation and commissioning of electrical equipment.
 • For personnel engaged in special scenarios such as working at height or operating special equipment, they must be qualified by the local country or region.

2. Firefighting measures

2.1 Extinguishing media
 • Small fire Dry powder, sand, carbon dioxide (CO₂), water spray
 • Large fire Water spray

2.2 Fire precautions and protective measures

Flammable properties
 Lithium ion batteries contain flammable liquid electrolyte that may vent, ignite and produce sparks when subjected to high temperature (> 150°C) when damaged or abused (e.g. mechanical damage or electrical overcharge). Burning cells can ignite other batteries in close proximity.

Explosion data
 Extreme mechanical abuse will result in rupture of the batteries. Throw into the fire will result in burning. In the event of a fire, wear full protective clothing and self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Special protective equipment for firefighters
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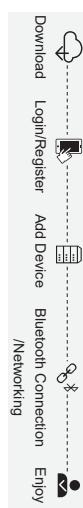
NFPA

Health:0 Flammability:1 Instability:0

Configure the Battery System
 Through the APP, you can realize intelligent battery management, including remote data monitoring, firmware upgrade and troubleshooting.

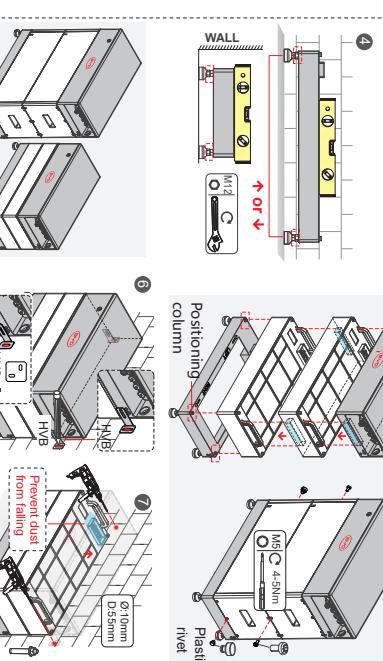
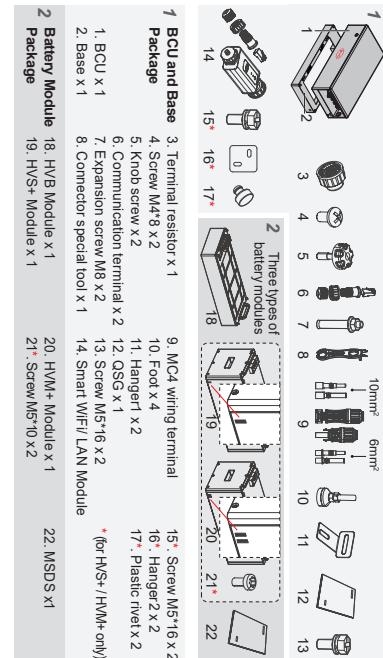
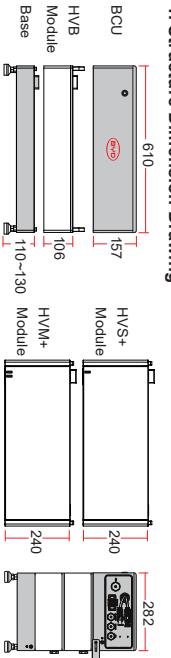
- iPhone users: Search for "BYD Energy" on the App Store

Configuration steps:



For detailed configuration steps, please refer to the user manual and APP instructions.
 Website: www.bydenergy.com.

1. Structure Dimension Drawing



Floor Installation

