DISCOVER ENERGY SYSTEMS

Priced Less Than PowerWall 3

H2B2 Residential Home Power System

Simple. Scalable Using Three Components.

Powerful. DC-coupled, AC-coupled, or Both.

Quick. Install in Half a Day or Less.

Smart. Remote Management using Web App or Mobile App.

Certified. UL9540, UL1741-SB, Rule 21 and HECO SRD V2.0 High Value.

Common Configurations For Residential Installation

This is a guide to aid in ordering systems based on commonly sized configurations. There are many more configurations not listed.

12 kW Inverter with 14.6 kWh of Energy Storage

Part Number	Description	Quantity
H2-12K-S4-US	HV Hybrid Inverter With MPPT	1
BC2-HV-BN	HV BMS Control Module	1
BU2-7.3-HVS	HV Battery Module	2
SBU-200	Smart Backup Unit	1

24 kW Inverter with 43.8 kWh of Energy Storage

Part Number	Description	Quantity
H2-12K-S4-US	HV Hybrid Inverter With MPPT	2
BC2-HV-BN	HV BMS Control Module	2
BU2-7.3-HVS	HV Battery Module	6
SBU-200	Smart Backup Unit	1

7.6 kW Inverter with 21.9 kWh of Energy Storage

Part Number	Description	Quantity
H2-7.6K-S3-US	HV Hybrid Inverter With MPPT	1
BC2-HV-BN	HV BMS Control Module	1
BU2-7.3-HVS	HV Battery Module	3
SBU-200	Smart Backup Unit	1

7.6 kW Inverter with 14.6 kWh of Energy Storage

Part Number	Description	Quantity
H27.6K-S3-US	HV Hybrid Inverter With MPPT	1
BC2-HV-BN	HV BMS Control Module	1
BU2-7.3-HVS	HV Battery Module	2
SBU-200	Smart Backup Unit	1

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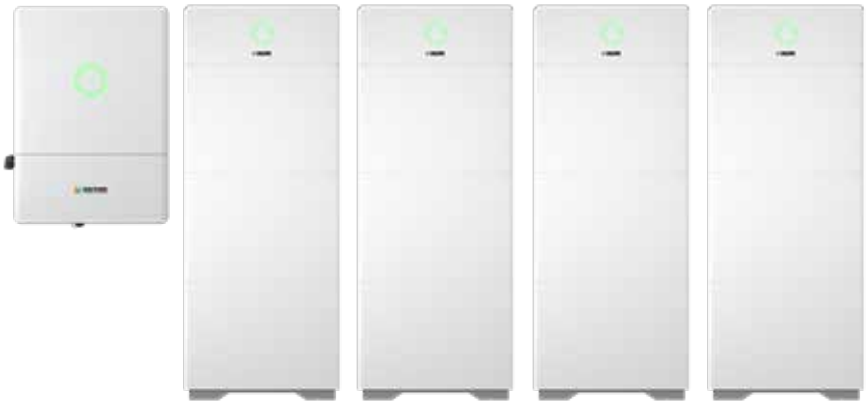
B2 SERIES | HIGH VOLTAGE LITHIUM LFP BATTERY

B2 batteries can be installed quickly with included DC cabling, paralleled up to 87.6 kWh per inverter, and can be monitored and updated remotely. B2 batteries are UL9450 certified with H2 inverters.



12 kW inverter & 87.6 kWh of batteries shown - max battery pairing per inverter

SBU Series | Smart Backup Unit

SBU supports whole home backup with a service entrance ready 200A transfer capacity, ports for up to four inverters and a port for up to a 22 kVa generator.

Single SBU with maxium of four inverters connected - max inverter pairing per SBU

H2 SERIES | 120/240V SPLIT PHASE HV HYBRID INVERTER WITH MPPT

16A per MPPT, integrated AFCI and RSD protection, up to 4 lithium battery stacks for 87.6kWh per hybrid inverter.

Example of the largest system configuration possible - one SBU (200 amp), four 10 kW inverters (38.4 kW), twelve battery control modules, and 48 batteries (350.4 kWh)

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