

B2 7.3kWh High Voltage Battery

B2 high voltage battery follows the same design language from H2 inverter, provides a stackable design for end-user to choose different capacity of battery system, from 7.3kWh to 21.9kWh in one stack, with high efficiency, super slim depth, suitable for garage.



- ❑ Wall-mounted or ground-mounted
- ❑ Remote firmware upgrade
- ❑ Modular design scalable up to 21.9kWh
- ❑ LiFePO4 batteries safe and reliable
- ❑ IP65 outdoor design
- ❑ Plug and play, no external wiring required



B2-7.3-HV5 | B2-14.6-HV5 | B2-21.9-HV5

MODEL	B2-7.3-HV5	B2-14.6-HV5	B2-21.9-HV5
Battery Module	BU2-7.3-HV5 (32S1P 102.4V72Ah)		
No. of Modules	1	2	3
Rated Energy [kWh]	7.3	14.6	21.9
Usable Energy [kWh]	6.6	13.2	19.7
Dimension [H*W*D] [mm]	790*810*150	1260*810*150	1730*810*150
Weight [kg]	78.1	139.8	201.5
Nominal Voltage [V]	102.4	204.8	307.2
Operating Voltage [V]	89.6-115.2	179.2-230.4	268.8-345.6
Max. Charge Current [A]	50		
Max. Discharge Current [A]	50		
Rated Power [kW]	5.12	10.24	15.36
Control Module	BC2-HV		
Dimension [H*W*D] [mm]	270*810*150		
Weight[kg]	13.1		
General Parameters			
Ingress Protection	IP65		
Altitude [m]	< 2000		
Mounting	Wall-Mounted/Ground-Mounted		
Operating Temperature Range	Charging: 0~50°C; Discharging: -20~50°C		
Ambient Humidity	5~95% (non-condensing)		
Cooling Method	Natural Convection		
Communication	CAN		
Warranty [Year]	10		
Applicable Standard	VDE 2510, IEC62619, CE/UL1973, EN61000-6-1, EN61000-6-3, UN38.3, RoHS		

Residential Energy Storage System

