

# H2 SERIES

## HIGH VOLTAGE BATTERY



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



Wall-mounted or ground-mounted



Remote firmware upgrade



Modular design  
scalable up to 21.9kWh

**LFP**

LiFePO4 batteries  
safe and reliable

**IP65**

IP65 outdoor design



Plug and play, no external  
wiring required

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]	623*810*150	1116*810*150	1609*810*150
Weight [kg]	71	137	203
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		
Peak Current (@3S)[A]	75		
Control Module	BC2-HV5		
Dimension [H*W*D] [mm]	268*810*150		
Weight[kg]	15		
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/UL1973EN61000-6-1/EN61000-6-3/UN38.3/RoHS/REACH		

## Residential Energy Storage System

