



B2

SERIES
LITHIUM BATTERY



B2-5.1-HV1 | B2-10.2-HV1 | B2-15.3-HV1
B2-20.4-HV1 | B2-25.6-HV1



Flexible capacity options
5.1kWh to 25.6kWh

LFP

Excellent safety of cobalt
free LiFePO4 battery



Remote firmware upgrade



Easy installation with modular
and stacked design

B2-5.1/ 10.2/ 15.3/ 20.4/ 25.6-HV1

MODEL	B2-5.1-HV1	B2-10.2-HV1	B2-15.3-HV1	B2-20.4-HV1	B2-25.6-HV1
Battery Module	BU2-5.12-HV1 (1P32S 102.4V50Ah)				
No. of Modules	1	2	3	4	5
Rated Energy [kWh]	5.12	10.24	15.36	20.48	25.6
Usable Energy [kWh]	4.6	9.2	13.8	18.4	23
Dimension (H*W*D)[mm]	261*626*365	522*626*365	783*626*365	1044*626*365	1305*626*365
Weight [kg]	50.5	101	151.5	202	252.5
Nominal Voltage [V]	102.4	204.8	307.2	409.6	512
Operating Voltage [V]	89.6-115.2	179.2-230.4	268.8-345.6	358.4-460.8	358.4-576.0
Charger Voltage [V]	115.2	230.4	345.6	460.8	576
Max. Charge Current [A]	30				
Max. Discharge Current [A]	30				
Control Module	BC2-HV1				
Dimension (H*W*D)[mm]	220*626*365				
Weight [kg]	11				
General Data					
Ingress Protection	IP65				
Mounting	Wall-Mounted (Optional)/ Ground-Mounted				
Operating Temperature Range	Charging: 0-50°C; Discharging: -10-50°C				
Ambient Humidity	0-95% non-condensing				
Cooling Method	Natural convection				
Communication	CAN				
BAT Voltage Range [V]	90-550				
Warranty [Year]	5/10/15/20/25				
Applicable Standard	IEC62619(Cell&Pack)/ CEC/ CE/ ROHS/ UN38.3				

Residential Energy Storage System

