



B2 SERIES LITHIUM BATTERY



B2-5.0-HV1 | B2-10.0-HV1 | B2-15.0-HV1
B2-20.0-HV1 | B2-25.0-HV1



Flexible capacity options
5.0kWh to 25.0kWh

LFP

Excellent safety of cobalt
free LiFePO4 battery



Remote firmware upgrade



Easy installation with modular
and stacked design

B2-5.0/ 10.0/ 15.0/ 20.0/ 25.0-HV1

MODEL	B2-5.0-HV1	B2-10.0-HV1	B2-15.0-HV1	B2-20.0-HV1	B2-25.0-HV1
Battery Module	BU2-5.0-HV1 (32S1P 102.4V50Ah)				
No. of Modules	1	2	3	4	5
Rated Energy [kWh]	5.0	10.0	15.0	20.0	25.0
Usable Energy [kWh]	4.5	9.0	13.5	18.0	22.5
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	448-576.0
Max. Charge Current [A]	30				
Max. Discharge Current [A]	30				
Control Module	BC2-HV1				
Dimension [H*W*D][mm]	200*626*365				
Weight [kg]	11				
General Data					
Ingress Protection	IP65				
Mounting	Wall-Mounted / 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				
Warranty [Year]	5/10				
Applicable Standard	IEC62619(Cell&Pack)/ CEC/ CE/ ROHS/ UN38.3				

Residential Energy Storage System

