



B2 SERIES LITHIUM BATTERY



- B2-5.1-HV1 | B2-10.2-HV1 | B2-15.3-HV1
B2-20.4-HV1 | B2-25.6-HV1
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- B2-4.8-HV1 | B2-9.6-HV1 | B2-14.4-HV1
B2-19.2-HV1 | B2-24.0-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 (32S1P 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	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				

B2-4.8/ 9.6/ 14.4/ 19.2/ 24.0-HV1

MODEL	B2-4.8-HV1	B2-9.6-HV1	B2-14.4-HV1	B2-19.2-HV1	B2-24.0-HV1
Battery Module	BU2-4.8-HV1 (30S1P 96V 50Ah)				
No. of Modules	1	2	3	4	5
Rated Energy [kWh]	4.8	9.6	14.4	19.2	24.0
Usable Energy [kWh]	4.32	8.64	12.96	17.28	21.60
Dimension [H*W*D][mm]	261*626*365	522*626*365	783*626*365	1044*626*365	1305*626*365
Weight [kg]	48.3	96.6	144.9	193.2	241.5
Nominal Voltage [V]	96	192	288	384	480
Operating Voltage [V]	84~108	168~216	252~324	336~432	420~540
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				