

B2 5.0kWh Low Voltage Battery

B2 low voltage battery allows for another solution, which for entry-level market, follow the same design language from H2 inverter, provides a stackable design for end-user to choose different capacity of battery system, from 10.0kWh to 20kWh.



- ❑ Wall-mounted or ground-mounted
- ❑ Remote firmware upgrade
- ❑ Modular design scalable up to 40kWh
- ❑ LiFePO4 batteries safe and reliable
- ❑ IP65 outdoor design
- ❑ Support 1C charge and discharge rate

B2-5.0-LV1 | B2-5.0-LV2

MODEL	B2-5.0-LV1	B2-5.0-LV2
Electrical Parameters		
Total Energy Capacity [kWh]	5.0	5.0
Usable Capacity [kWh]	4.5	4.5
Rated Voltage [V]	51.2	
Voltage Range [V]	44.8 ~ 57.6	
Depth Of Discharge [DOD]	≤ 90%	
Max. Charge Current [A]	100	100
Max. Discharge Current [A]	100	100
Parallel	Yes (≤8pcs)	
Physical Parameters		
Battery Type	LiFePO4	
Communication	CAN	
Operating Temperature Range	Charging: 0 ~ 50°C; Discharging: -10 ~ 50°C	
Cooling Method	Natural convection	
Ambient Humidity	0 ~ 95% non-condensing	
Ingress Protection	IP65	
Dimensions [H*W*D][mm]	330*730*210	
Weight [kg]	45.7	47.5
Warranty [Year]	Refer to the warranty card	
Applicable Standard	IEC 62619(Cell&Pack), EN 62477-1, EN 61000-6-1/2/3/4, UN38.3	

Residential Energy Storage System

