



# B2 SERIES LOW VOLTAGE BATTERY



B2-5.0-LV1 | B2-5.0-LV2



Wall-mounted or  
ground-mounted



Remote firmware  
upgrade



Modular design  
scalable up to 40kWh

**LFP**

LiFePO4 batteries  
safe and reliable

**IP65**

IP65 outdoor design



Support 1C charge  
and discharge rate



MODEL	B2-5.0-LV1	B2-5.0-LV2
<b>Electrical Parameters</b>		
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)	
<b>Physical Parameters</b>		
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]	334*830*232	
Weight [kg]	44.8	46.5
Warranty [Year]	5 / 10	
Applicable Standard	IEC 62619(Cell&Pack), EN 62477-1, EN 61000-6-1/2/3/4, UN38.3	

## Residential Energy Storage System

