

B10000

10kWh Low-voltage Battery

- 10.24-61.44kWh flexible capacity expansion, meet the needs of the whole family
- Efficient integration of large capacity, space-saving, beautiful and practical
- Unlock greater efficiency with 1C charge & discharge rate
- High-efficiency 200A fast charging & discharging
- Automatic single battery fault isolation function, guarantees continuous system performance
- Fearlessly defying extreme temperatures, operating temperature $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Superior Safety with Triple Battery Protection :
 - ① Full coverage temperature detection
 - ② BMS intelligent control, over-temp., over-current, over-voltage protection
 - ③ Built-in overcurrent protection switch, protect the battery form short-circuit



Technical Specification	B10000 x1	B10000 x2	B10000 x3	B10000 x4	B10000 x5	B10000 x6
Rated Energy ¹ (kWh)	10.24	20.48	30.72	40.96	51.2	61.44
Battery type	LFP(LiFePO ₄)					
Maximum modules in parallel	16S2P	16S4P	16S6P	16S8P	16S10P	16S12P
Battery configuration	6					
Cycle life ²	6000 cycles					
Depth of Discharge (DOD)(%)	51.2					
Operating voltage range(V)	48-58					
Rated voltage(V)	90					
Max.continuous charge/discharge current(A)	200/200	240/240				
Rated power(kW)	10.24	12.288				
Communication	CAN/RS485					
Weight(KG)	90.5(±3)	181(±3)	271.5(±3)	362(±3)	452.5(±3)	543(±3)
Dimensions(WHD) (mm)	505.4*160*876	505.4*160*876 X2	505.4*160*876 X3	505.4*160*876 X4	505.4*160*876 X5	505.4*160*876 X6
Operating temperature°C	Charge: 0°C < T < 55°C / Discharge: -20°C < T < 55°C					
Ingress protection rating	IP21					
Installation type	Wall-mounted					
Warranty ³	5 Years					