

Lithium Iron Phosphate Battery

Powerbase 10

51.2V205AH



IP20
Protection



4.3" HMI
Touchscreen



1C
Continuous
Charge / Discharge



8000
Cycles



5 Years
Warranty



205AH
Capacity



LiFePO4
Cells



PACE BMS



Parallel
upto 15 Units



Easy-to-install



Reliable



User-Friendly

- A grade brand new prismatic LFP (LiFePO4 cells)
- 8000 cycles @90% DOD
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- HMI touchscreen with low power consumption, high brightness, and long visual distance.

- Cell balance function
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS
- Max 15 battery packs can be connected in parallel

Technical Data Sheet

MODEL	Powerbase 10
ELECTRICAL PARAMETER	
Battery Type	LFP (LiFePO4)
Nominal Voltage (V)	51.2
Nominal Capacity (AH)	205
Energy (WH)	10240
Continuous Discharge Current (A)	200
Charge Cut-off Voltage (V)	57.6
Discharge Cut-off Voltage (V)	43.2
Max. Charge Current (A)	100
Max. Discharge Current (A)	210@1S
Peak Discharge Current (A)	250@500ms
Recommend Discharge Current (A)	100
Open Circuit Voltage (V)	50.88-53.6
Cycle Life	> 8000 cycles
Number of Parallel	Upto 15 units
Communication	RS485/RS232/CAN
Display	HMI Touchable
Mounting	Wall-mounted
ENVIRONMENTAL PARAMETER	
Charge & Discharge Temperature (°C)	Charge: 0°C ~ +55°C / Discharge: -20°C ~ +60°C
Storage Temperature Range (°C)	-5°C~+0°C / 35°C~+45°C (≤2 month); 5°C~+35°C (≤3 months, Optimum storage temperature); 15°C~+35°C (≤6 months)
Relative Humidity	60%±20% RH
Ingress Protection	IP20
MECHANICAL PARAMETER	
Connect Terminal	Wall Feedthrough
Dimensions (L*W*H) (mm)	615*500*260
Weight (Kg)	88.5±1.5kg
Certificate	UN38.3 MSDS
Warranty	5 Year Warranty (3 year BMS & 5 year Cell warranty)