

# Low voltage battery

## LR5000



### Best Components

A-grade LFP cell from first-class supplier  
BMS specially developed by Yelon



### Stackable

5.12-40.96kWh (8 modules)



### Safe and Reliable

10-year warranty; 6000 cycles  
Fool-proof design and protection functions



### Easy to Install and Use

Plug and play connection  
Minimum operation needed after first configuration



### Compatible

Work with most of the popular inverters



### Remote Control and Monitor

Check real-time status on APP  
Alert pops up if any problem occurs

### PARAMETERS

Battery Type	LiFePO <sub>4</sub>
Battery Capacity [Ah]	100
Nominal Voltage [V]	51.2
Charging Cut-off Voltage [V]	57.6
Discharging End-of Voltage [V]	46
Recommended C Rate	0.5C
Recommended Charge/Discharge Current [A]	50
Max Charge/Discharge Current [A]	100
Peak Power Charge/Discharge Current [A]	120(15s)

### GENERAL

Net Weight [kg]	41
Dimension[W*D*H] [mm]	442×500×133
Charging Temp. Range [°C]	0~50
Discharging Temp. Range [°C]	-15~50
Communication	CAN/RS485
Cycle Life	> 6000 <sup>[1]</sup>
Protection Level	IP21
Cooling Method	Natural
Altitude [m]	≤4000
Scalability	Up to 8 units in parallel
Compatible Inverters	YELON, GOODWE, GROWATT, DEYE, SMA, VICTRON...
Certification & Safety Standard	CE/UN38.3/IEC62619

<sup>[1]</sup> Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

<sup>[2]</sup> Outer casing color of battery can be customized

