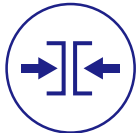


# Residential Energy Storage Battery (Rack-mounted)



LR24-200



**Compact Size**

Minimum the footprint



**Eco-Friendly**

Clean energy



**Long Lifespan**

Sustainable long cycles



**Built-in BMS**

Charge & discharge protection

## Product Introduction



Up to 15 groups of parallel connections,  
flexible capacity expansion



Compatible with mainstream inverters in the  
market, providing more options



LED display for voltage, current, temperature,  
convenient for users to query



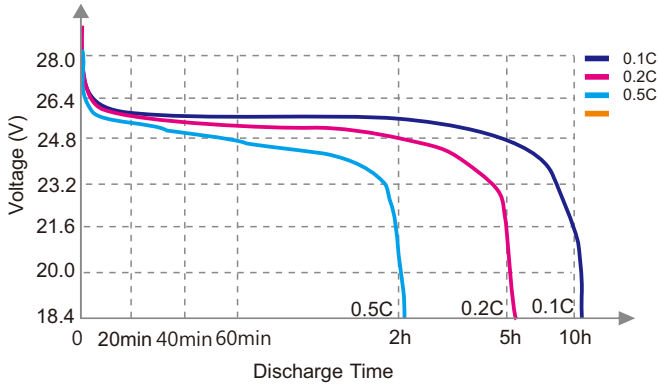
Built-in BMS provides multiple protection  
functions

# Residential Energy Storage Battery (Rack-mounted)

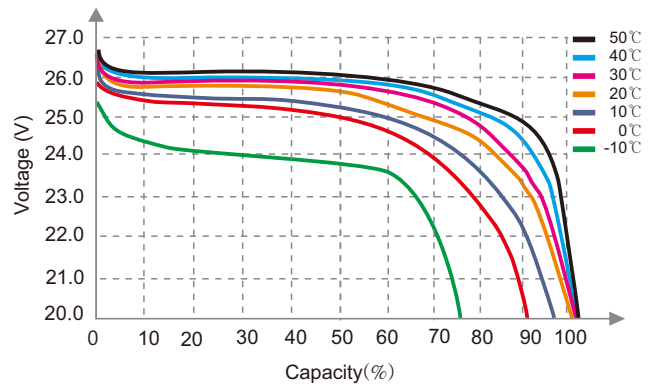


Item	Parameters
Model	LR24-200
Rated Capacity (5HR)	200 Ah
Nominal Voltage	25.6 V
Energy	5.12KWh
Discharge Ending Voltage	21.6 V
Charging Limited Voltage	28.8 V
Max. Charge/Discharge Current	100 A
Weight	Approx. 43 Kg
Display	With display screen
Protocol	RS485/RS232/CAN
Max number of parallel connections	15
Dimensions (W*D*H) mm (inches)	442 *450 *177
Design life	More than 15 years
Cycle Life	5000 cycles@0.5C, 80%DOD
IP Class	IP31
Case Material	SPCC
Operating Temperature	Charging: 0 to +45°C    Discharging: -10 to +55°C    Storage: -20 to +60°C

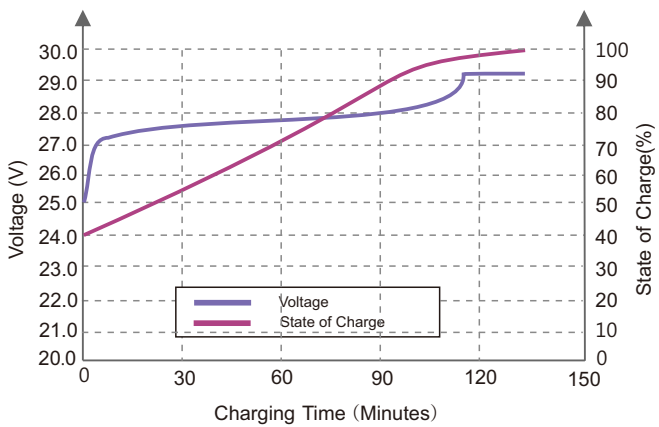
### Different Rate Discharge Curve(25°C)



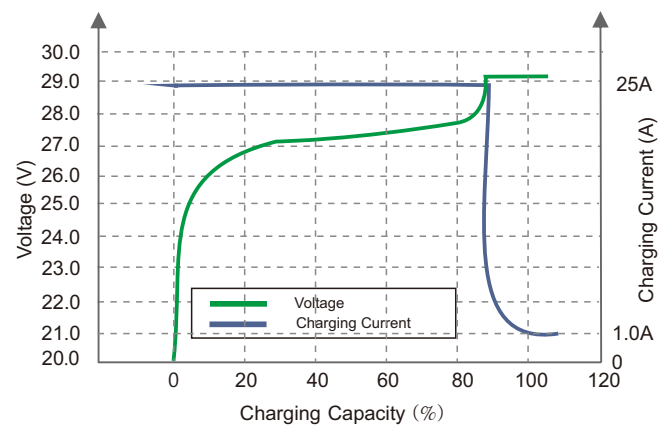
### Different Temperature Discharge Curve(0.5C)



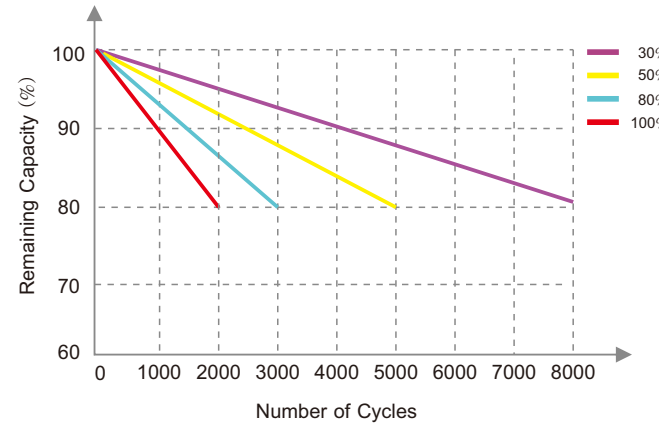
### State of Charge Curve(0.5C, 25°C)



### Charging Characteristics(0.5C, 25°C)



### Different DOD Discharge Cycle Life Curve(0.5C)



### Different Temperature Self Discharge Curve

