

FOSHAN UNION BATTERY CO., LTD.

VOLTA Lithium-Iron Phosphate Battery

Item Name: Lithium-Iron Phosphate Battery

Model: PT12200(12.8V200AH)



1. Specifications

Rated Voltage	12.8V	
RATED Capacity (0.2C)	200Ah	
Dimensions (mm)	L W H TH	522mm 238mm 217mm 225 mm
Approx. Weight (kg)	23	

2. Performance Data

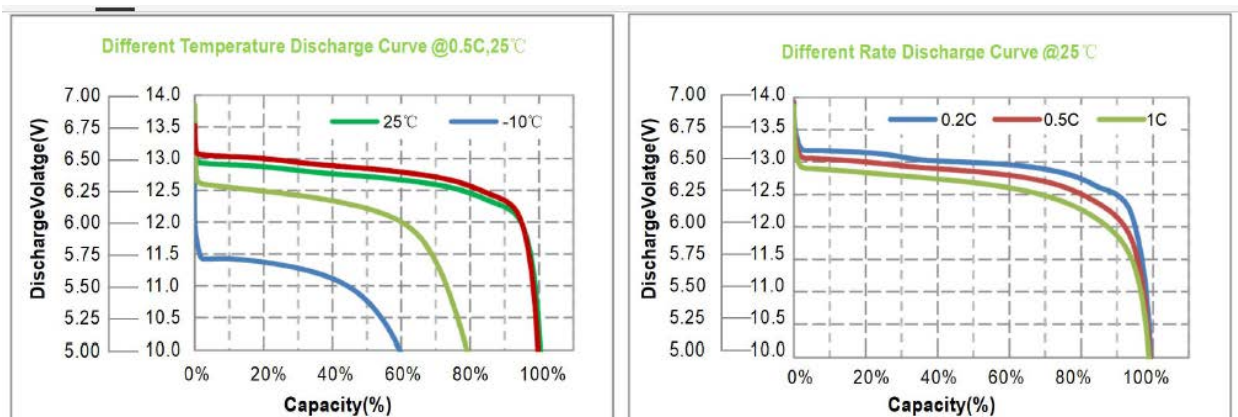
Capacity	0.2C	200Ah
Internal Resistance	25°C	≤35m Ω
Self-discharge	25°C	≤3.5% per month
Cyclic Life	25°C, 0.2C discharge	2500 cycles
Max Charge voltage	0°C-25°C	14.4-14.6V

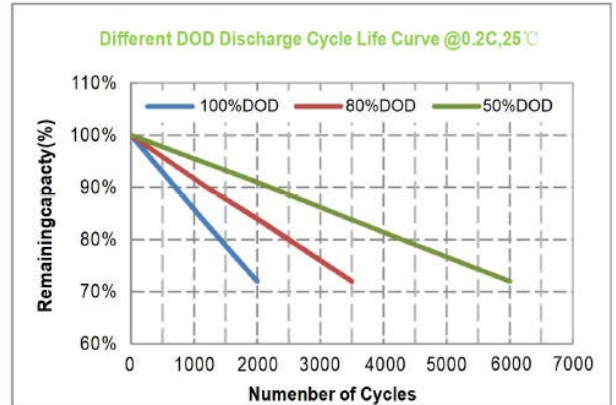
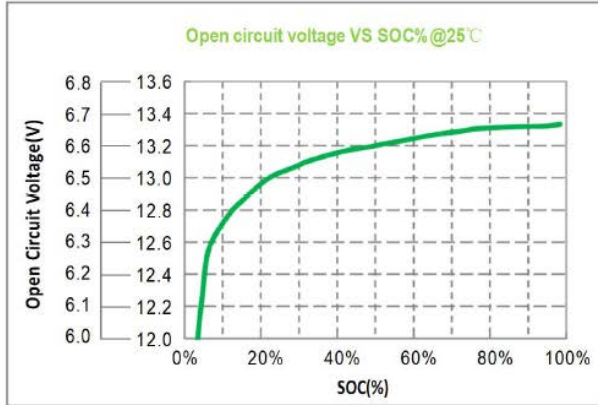
Max Charge Current	0°C-25°C	100A
Charge Current	$\leq 0.2C(A)$	
Charge Mode	Constant-voltage Current-limited Mode: At 0 °C -45°C, Initial Current: 0.2C, Constant-voltage: 14.6V.	
Max Discharge Current	150A	
Max Pulse Discharge Current	300A(<0.1s)	
Discharge cut-off Voltage	10.2V	
Operating Condition	Charge Temp: 0°C- 45°C, Discharge Temp: -20°C- 45°C.	
Battery Case	ABS Plastic Case, Terminal : M8	

3. VOLTA BATTERY FEATURES

- ▲ High-rate energy density, Light weight,
- ▲ Long cyclic life, up to 2500 cycles (80%DOD)
- ▲ Maintenance-free, with protective circuit
- ▲ Pure Material, low self-discharge
- ▲ Safety and Reliable
- ▲ Maximum four batteries connected in series are available.

4. Technical Curves





5. Application

APPLICATION



Foshan Union Battery Co., Ltd.