

LFP12-200 (LiFePO₄ 12.8V 200Ah, 2560.0Wh)

- Safety in use
- Low self discharge rate
- Good high temperature performance
- High Cycle times and long service life
- High energy density and conversion efficiency
- Environmental Friendly, without any heavy metals
- Easy installation, easy maintenance, easy replacement on solar street light.



Item	Specification
Model	LFP12-200
Rated Capacity(10HR)	200Ah
Nominal Voltage	12.8V
Discharge Ending Voltage	10.0V
Charging Limited Voltage	14.6V
Max. Charging Current	50.0A
Max. Continue Discharging Current	100.0A
Weight	Approx. 25.0kg
Plug	Screw Terminal / Custom
BMS (Battery Management System)	Included BMS
Dimension (mm)	522*240*219*244mm (L*W*H) / Custom
Containing Cell	3.2V 100Ah
IP Class	IP30
Outer Package Material	ABS
Operating Temperature	Charging: 0~45°C Discharging: -20~60°C Storage: -20~60°C
Cycles	3000 cycles , remaining 80% Capacity
Design Lifespan	18~20 years

Product Design

BMS



LiFePO₄ Cell Package



LiFePO₄ in Box

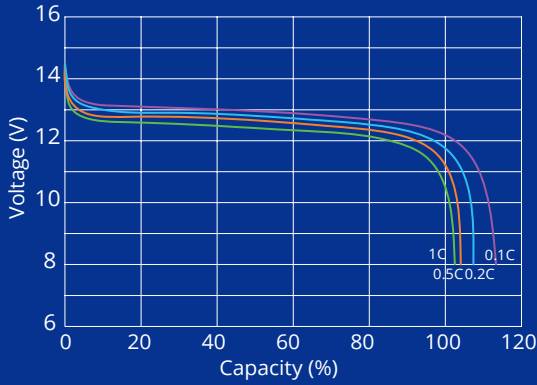


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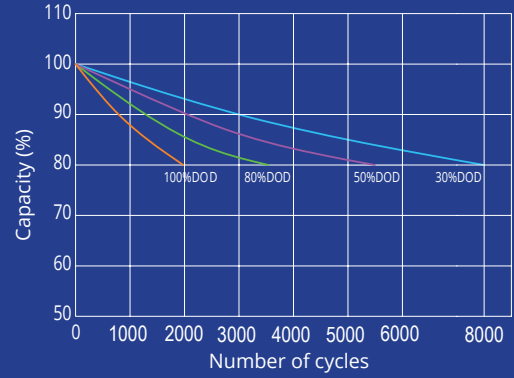
- Add: 2F Building 6, Langkou Industrial Park, Longhua New District, Shenzhen China 518000
- Tel: 86-755-29822748 Fax: 86-755-29822462
- Mobile: 86-133 5290 9986
- E-mail: info@taicopower.com
- Website: www.taicopower.com

Lithium iron Phosphate (LiFePO₄) Battery

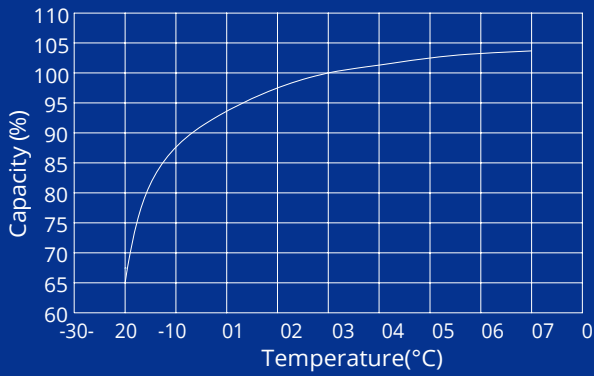
Discharge Time VS. Discharge Current (25°C)



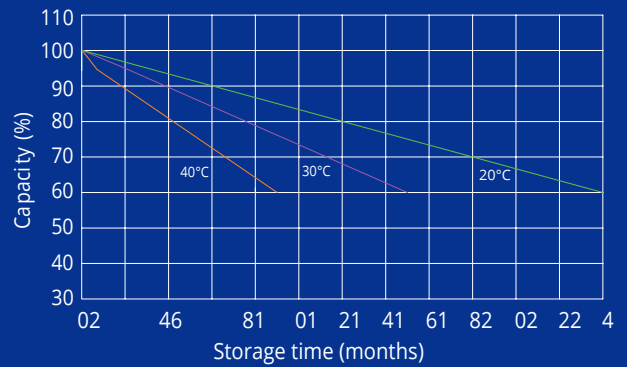
Cycle Service Life



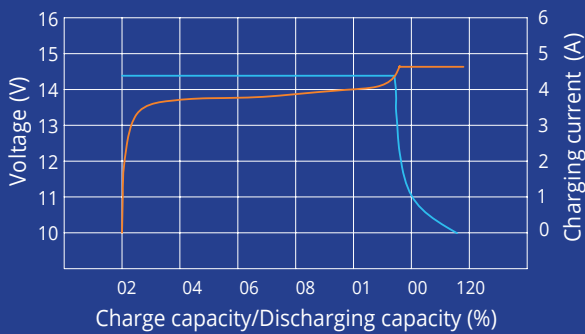
Temperature effects on capacity



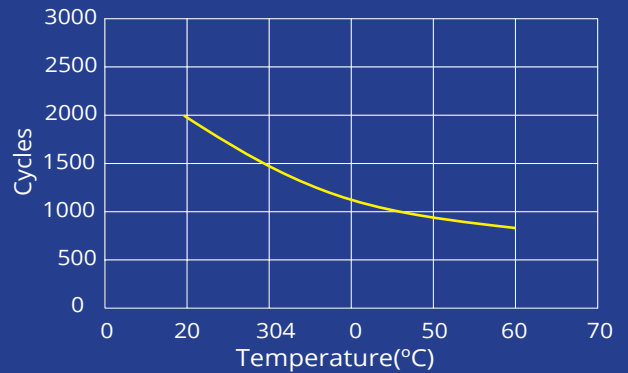
Self-discharge characteristic



Battery charging characteristics



Cycle life in relation to temperature



* Specifications subject to change without notice.

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