

HEXI- 12200

12V 200Ah

Lithium Iron Phosphate

Deep Cycle Battery

- RV
- Camper
- Marine
- Solar Home
- UPS Backup



**Lighter Weight**  
About 40% of the weight of a comparable lead acid battery. Easy to replace led acid batteries

**Higher Power**  
Deliver twice power of lead acid battery.Higher discharge rate,while maintaining high energy capacity.

**Longer Cycle Life**  
Offers up to 4000 times longer cycle life and five times longer float/calendar life than lead acid Battery.

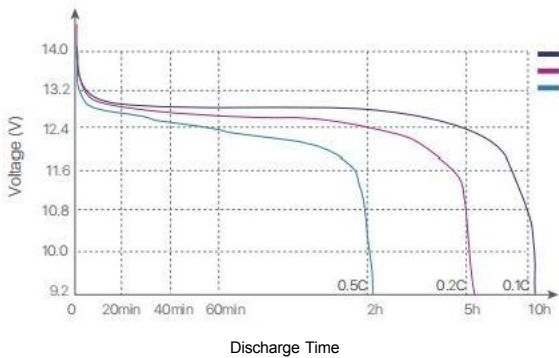
**Superior Safety**  
Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit

Specification					
Nominal Voltage	14.6V		Max.Continuous Discharge Current	100A	
Nominal Capacity	200Ah/2400Wh		Peak Discharge Current	450A ± 160A(0.5~1.5S)	
BMS	Bluetooth with Smartphone App		Discharge Cut-off Voltage	21.6V ± 0.5V	
Cycle Life	>4000 cycles @0.5C/80%DOD		Change Temperature	0℃~55℃@60 ± 25%Relative Humidity	
Months Self Discharge	<3%		Discharge Temperature	-20℃~60℃@60 ± 25%Relative Humidity	
Eciency of Charge	100%@0.5C		Storage Temperature	-20℃~45℃@60 ± 25%Relative Humidity	
Eciency of Discharge	96~99%@0.5C		Protection Class	IP65	
Charge Voltage	14.6V		Approx.Dimensions	522x242x220mm	
Charge Mode	0.2Cto 14.6V,thenchangeto0.02C(CC/CV)		Approx.Weight	24kg	
Recommended Charge Current	100A		Terminal	M8	
Max.Change Current	100A		Case Material	ABS	
Charge Cut-off Voltage	14.6V ± 0.2V		Monitoring Option	Heating and Active equalization	

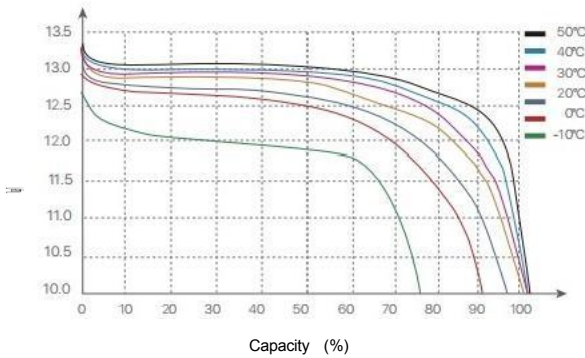
12V200AH

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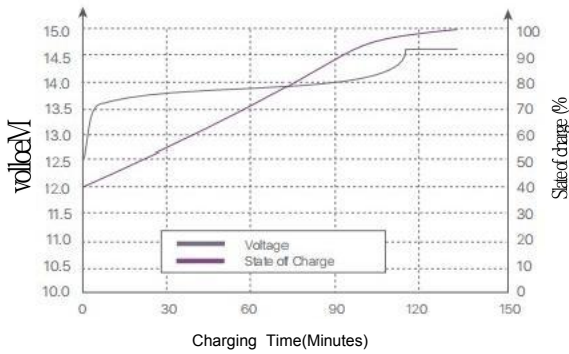
Different Rate Discharge Curve(25℃)



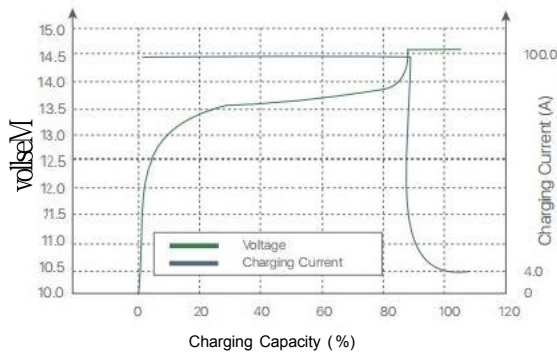
Different Temperature Discharge Curve(0.5C)



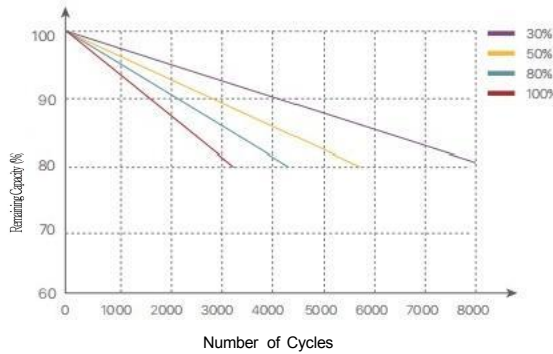
State of Charge Curve(0.5C,25℃)



Charging Characteristics(0.5C,25℃)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

