

HEXI-1250

12V 50Ah

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

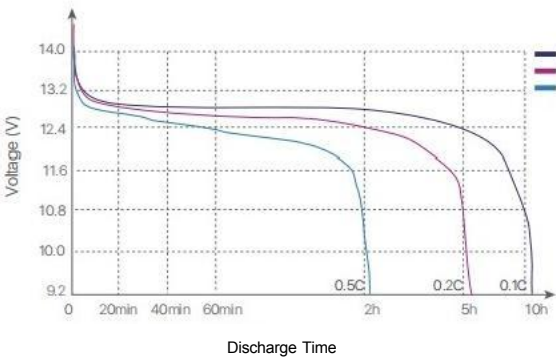
Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit

Specification					
Nominal Voltage	14.6V		Max.Continuous Discharge Current	50A	
Nominal Capacity	50Ah/600Wh		Peak Discharge Current	100A ± 150A(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	224x150x177mm	
Charge Mode	0.2Cto 14.6V,thenchangeto0.02C(CC/CV)		Approx.Weight	6kg	
Recommended Charge Current	50A		Terminal	M8	
Max.Change Current	50A		Case Material	ABS	
Charge Cut-off Voltage	14.6V ± 0.2V		Monitoring Option	Heating and Active equalization	

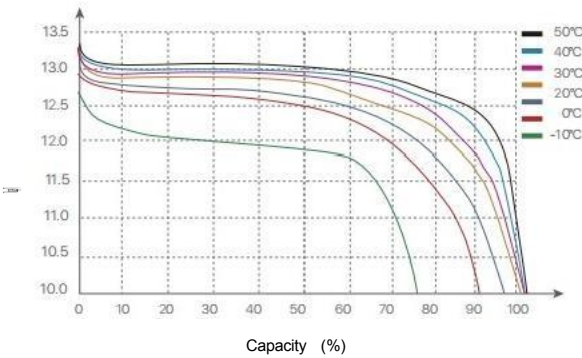
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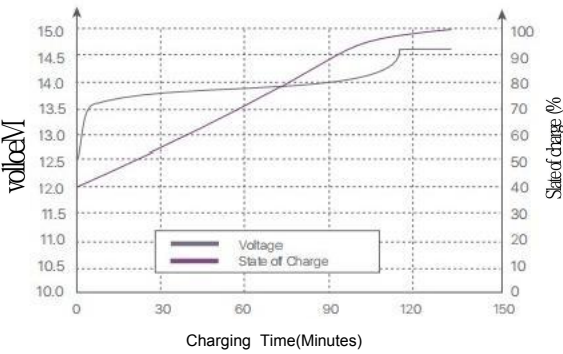
Different Rate Discharge Curve(25℃)



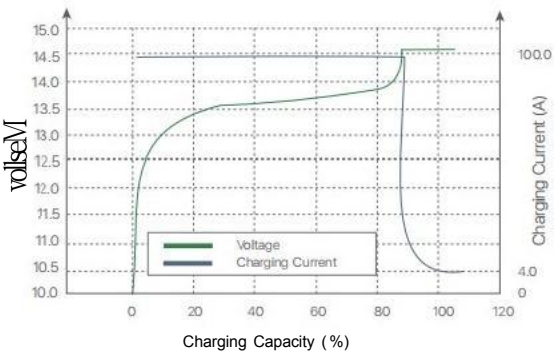
Different Temperature Discharge Curve(0.5C)



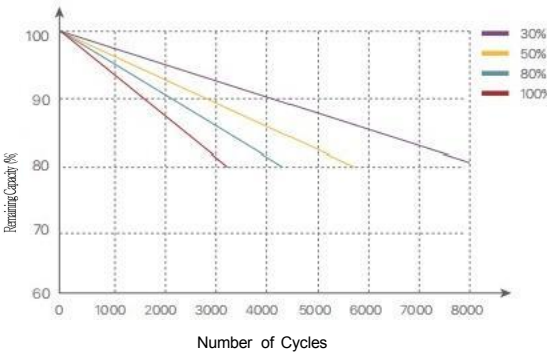
State of Charge Curve(0.5C,25℃)



Charging Characteristics(0.5C,25℃)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

