

HEXI-24100

24V 100Ah

Lithium Iron Phosphate

Deep Cycle Battery



**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.

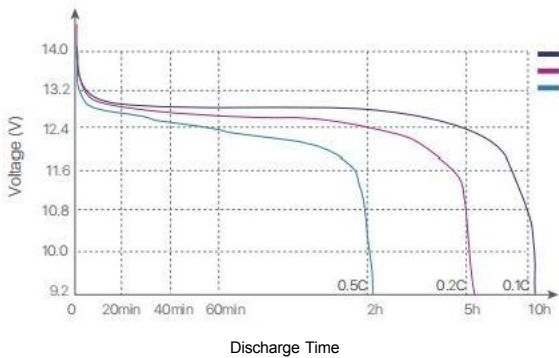
**Superior Safety**  
Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit

Specification				
Nominal Voltage	25.6V		Max.Continuous Discharge Current	100A
Nominal Capacity	100Ah/2560Wh		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	29.2V		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	29.2V ± 0.2V		Monitoring Option	Heating and Active equalization

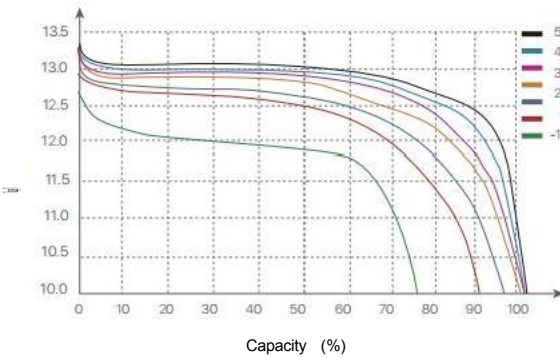
24V100AH

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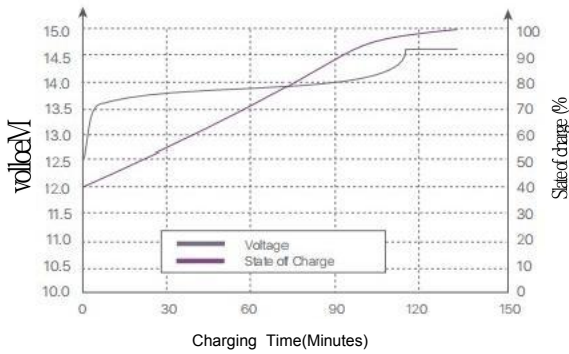
Different Rate Discharge Curve(25℃)



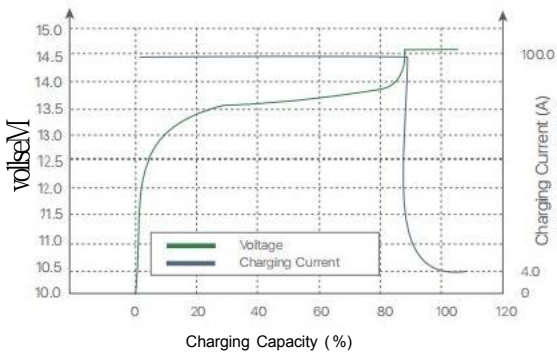
Different Temperature Discharge Curve(0.5C)



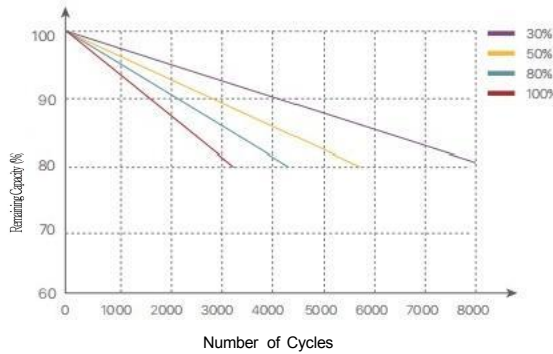
State of Charge Curve(0.5C,25℃)



Charging Characteristics(0.5C,25℃)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

