

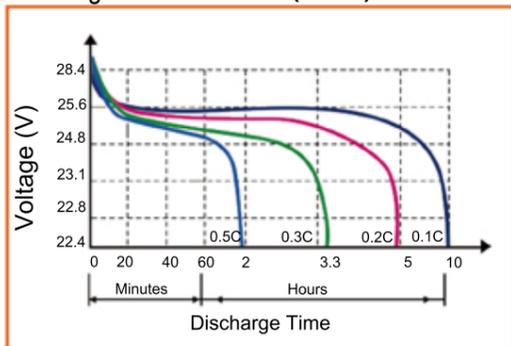


Features

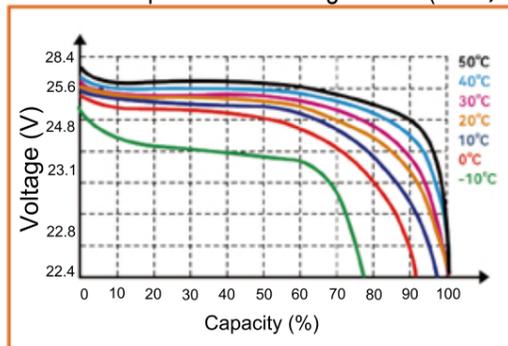
-  Lithium iron phosphate battery cells
-  Long service life
-  High power output
-  Multiple security measures
-  Multiple charging methods
-  Safe and efficient

Performance Curve

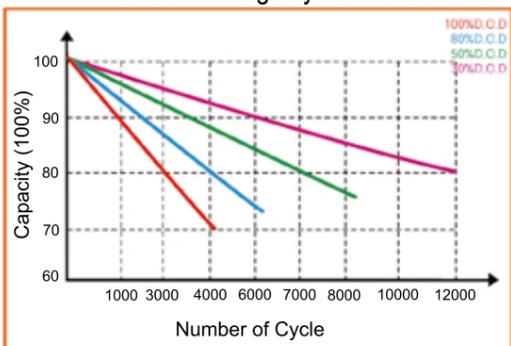
Discharge characteristics (25°C)



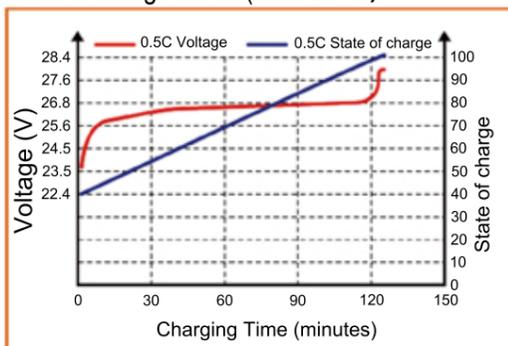
Different temperature discharge curve (0.5C)



Different DOD discharge cycle life curve 0.2C 25°C



State of charge curve (0.5C 25°C)



Data Sheet

Model		SL-25.6-200AH
<b>Electrical Characteristics</b>		
Nominal Voltage	25.6V	
Nominal Capacity	200AH@0.2C	
Energy	5120WH	
Cycle Life	4000 cycles @ 0.2C charging / discharging until 80%	
Self Discharge	≅ 3.5% per month at 25°C	
<b>Standard Charging</b>		
Max. Charging Voltage	28.0-29.2V	
Charging Mode	At 0°C-45°C temperature charged to 29.2V at a constant current of 0.2C, and then charged continuously with constant voltage of 29.2V until the current was not more than 0.02C.	
Charging Current	40A	
Max. Charging Current	50A	
<b>Standard Discharging</b>		
Discharging Current	50A	
Max. Continuous Current	50A	
Discharging Cut-off Voltage	21.6V	
<b>Operating Condition</b>		
Charge Temperature	0°C to 45°C (32°F to 113°F) @ 60 ± 25% relative humidity	
Discharge Temperature	-20°C to 60°C (-4°F to 140°F) @ 60 ± 25% relative humidity	
Storage Temperature	0°C to 45°C (32°F to 113°F) @ 60 ± 25% relative humidity	
Connect Mode	4 PCS in series	
<b>Structure</b>		
Casing	ABS	
Dimension (L*W*H)	523*269*218mm	
Weight	Approx. 34.6kg	
Terminal	M8	

Constant Current Discharge Data (Amperes @ 25°C) (Cut off voltage 10.8V)

Discharging Time	1H	2H	3H	4H	5H	10H	20H
Discharging Voltage	200A	100A	66.65A	50A	40A	20A	10A

Constant Current Discharge Data (Watts @ 25°C) (Cut off voltage 10.8V)

Discharging Time	1H	2H	3H	4H	5H	10H	20H
Discharging Voltage	5120W	1280W	853.33W	640W	512W	256W	128W

