

Lithium (lifepo4) battery cells



Specifications

C20 Lithium battery Cell(LiFePO4)

General Characteristics	
Rate Voltage	3.2Vdc
Rate Capacity	20-25AH(Standard)
Energy	64-80Wh
Internal Resistance	<1mΩ
Mechanical	
Thickness	20-20.8mm
Length	172.4-172.6mm
Width	119-119.5mm
Weight	0.8±0.03kg
Electrical Characteristics	
Charge mode	CC/CV
charge current	0.2C(Standard)
	2C(Max.CC@25°C)
Over charge protection	3.75VDC/Cell
Discharge mode	CC
Discharge current	1C(Standard)
	3C(Max.CC@25°C)
Over discharge protection	2.50VDC/Cell
Environmental Characteristics	
working Temperature	charge:0°C to +50°C
	Discharge:-20°C to +55°C
Storage Temperatuer	-10°C to +45°C (< 3months, SOC: 20%-60%)
	-10°C to +40°C (< 1year, SOC: 20%-60%)
Storage Humidity	5%-95%
Transport Condition	Voltage:3.2V-3.35V
	SOC:30%-60%