

Lithium ion(NMC) battery cells



Specifications

C20M Lithium ion(NMC) battery cells

General Characteristics	
Rate Voltage	3.7Vdc
Rate Capacity	25-35Ah(standard)
Energy	92.5-129.5wh
Internal Resistance	<9mΩ
Mechanical	
Thickness	210mm
Length	173mm
Width	122.5mm
Weight	0.8kg
Electrical Characteristics	
Charge mode	CC/CV
charge current	0.5c(standard)
	1c(max.cc@25°C)
Over charge protection	4.2Vdc/cell
Discharge mode	CC
Discharge current	1.5C(standard)
	2c(max.cc@25°C)
Over discharge protection	2.30vdc/cell
Environmental Characteristics	
working Temperature	Charge:-10°C to +60°C
	Discharge:-20°C to +60°C
Storage Temperatuer	-40°C to +60°C(<3months, soc: 20%-60%)
	-20°C to +40°C(<1year, soc: 30%-60%)
Storage Humidity	5%-95%
Transport Condition	Voltage:3.2V-3.35V
	SOC:30%-60%