

Li-ion Battery Packs

*Your One-Stop Custom Battery Solution Partner***Drawing:**

Item 项目		Rating 参数	Note 标注
1.1 Capacity 容量	Typical 标称容量	14Ah	Temperature/温度: 25±5℃
	Minimum 最小容量	13.5Ah	Charge/充电: 0.2C Discharge/放电: 0.2C
1.2 Nominal Voltage 标称电压		Average 7.3V	
1.3 AC Impedance Resistance 内阻		≤60mΩ	Cell
		≤140mΩ	Battery Pack
1.4 Discharge Cut-off Voltage 放电截止电压		5.5V	
1.5 Charge voltage 充电限制电压		8.4V	Cut-off current≤280mA
1.6 Max Charge Continuous 最大充电电流		5000mA	+10~+45℃
1.7 Max Discharge Continuous 最大连续放电		5000mA	+10~+45℃
1.8 Weight / 重量		Approx 370g	
1.9 Cycle Life 循环寿命		500 cycles	Capacity ≥80%
1.10 Shipping Voltage / 出厂电压		7.2-7.8V	
1.11 Operating Temperature 工作温度	Charge 充电	0~+45℃	Max Charge:5000mA
	Discharge 放电	-20~+60℃	Max Discharge:5000mA
Model Name: <u>18650-2S4P-14Ah</u>			
Battery size: T20*W75*L68mm		Wire (L1) 80 ±5mm (UL3239 20#)	Connector:
Overcharge detection voltage 过充电检测电压:		4.255--4.305V	
Overdischarge detection voltage 过放电检测电压:		2.820--2.950V	
Overcurrent protection current 过电流保护电流:		12~30A	
NTC: 10KΩ B=3435K		MOS: PT8205	
IC: HY2120-CB			