

Technical Data Sheet

Rechargeable Lithium-ion Battery Pack RRC2040-2



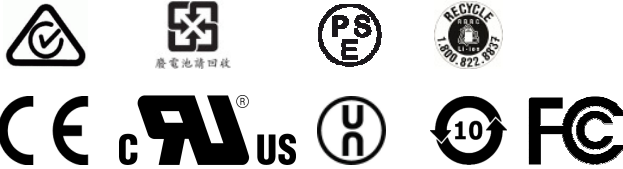
Standard Li-ion battery pack RRC2040-2 6 x 18650 cells (3S2P) with 11.25V / 6400mAh / 72.0Wh

Features:

- Highest available energy density
- SMBus v1.1 compliant
- Fulfils JEITA standards, advanced temperature-dependent charging profile
 - Fastest charging
 - Maximized cycle life
- Impedance tracking and cell balancing
 - No manual recalibration necessary
 - Longest lifetime
- Comprehensive charging/discharging and passive safety systems
- Worldwide approvals
- Registered with recycling systems worldwide

Applications:

Suitable for use with tablet PC's, notebooks, industrial and medical devices, etc.



Specification

General	
Basic Cell	ICR 18650-32
Delivery status	50% - 70%
battery capacity	
Label	RRC or customized
Certifications battery	CE / UL2054 / UL1642 / FCC IEC 62133 / EN60950 / ROHS UN 38.3 / PSE
Operating temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)
Storage temperature	-20°C to 50°C max. -20°C to 25°C recommended
Charger	RRC-SMB-UBC, PMC02A or PMC10A with module PMCM021

Battery Dimensions	
Length	151mm
Width	59mm
Thickness	22mm
Weight	350g
Contacts	+, C, D, T, -

Electrical Parameters	
Nominal Voltage	11.25V
Nominal capacity	6400mAh
Initial impedance	250mΩ @ 1kHz at 20°C
Max. charge current	4480mA
Max. charge voltage	13.05V
Cont. discharge	6500mA
Peak discharge	20000mA
Life expectancy @25°C	>300 cycles with 3.2A Charge/3.2A Discharge
	min 80% of initial capacity

Safety Parameters PCM	
Overcharge detection voltage	4420mV/cell
Overcharge release voltage	4200mV/cell
Overdischarge detection voltage	2600mV/cell
Overdischarge release voltage	3000mV/cell
Overcharge detection current	5000mA
Overdischarge detection current	7500mA

Notes:

-Prior to use read handling precaution and prohibitions for Li-ion batteries

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