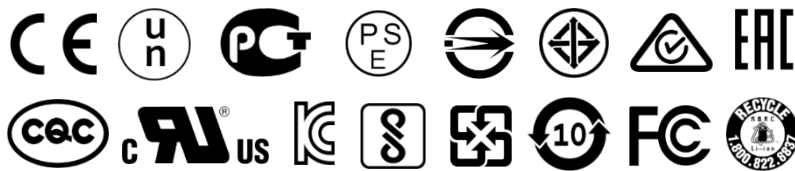


## RRC2130

Standard Battery Pack Li-Ion

7.60V / 3.88Ah / 29.50Wh

P/N: 110088



## Features

- Slim and flat standard battery pack with higher capacity and lower height than round cell packs with similar energy
- Allows to develop smaller and thinner portable devices with long runtime
- SMBus & SBDS Rev 1.1 compliant
- Fulfills 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 in slim devices for industrial and medical applications, etc.

## Specification






General	
Delivery status battery capacity	30%
Compliance information	IEC 62133 / CE / UL2054 / FCC / Gost / PSE / BSMI / TISI / RCM / EAC / CQC / KC / BIS / UN38.3 / RoHS / REACH
Operating temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)
Storage temperature	-20°C to 60°C max. -20°C to 25°C recommended

Electrical Parameters	
Nominal voltage	7.60V
Nominal capacity	3.88Ah
Initial impedance	<200mΩ @ 1kHz at 20°C
Max. charge current	2.70A
Max. charge voltage	8.70V
Cont. discharge	3.78A
Max. discharge	5.67A
Life expectancy @ 25°C 1.89A Charge/3.78A Discharge	>300 cycles with ≥ 85% of initial capacity

Battery Dimensions	
Length	150.60mm +0.5/-0.5
Width	86.20mm +0.4/-0.4
Thickness	8.35mm +0.25/-0.25
Weight	172g
Contacts	+, +, C, D, T, -, -

Safety Parameters PCM	
Overcharge detection voltage / cell	4.39V
Overcharge release voltage / cell	4.20V
Overdischarge detection voltage / cell	2.75V
Overdischarge release voltage / cell	3.25V
Overcharge detection current	3.10A
Overdischarge detection current	6.00A

## Recommended Accessories

Type	Product	P/N	Application
Standard Battery Charger		RRC-SMB-FPC 110083	40.00W standard battery charger for optimized charging process with external power supply for world-wide use.
Battery Mating Connector		RRC-MC21-90-10 211268 RRC-MC21-90-20 211278	Mating Connector for standard smart batteries RRC2130, RRC2140. Available for 90° PCB mounting (top and edge).
Power Supply AC/DC		PS65 210919	External power supply (worldwide use) for embedded battery charger RRC-PMM240 or for mobile devices. Included in RRC-SMB-FPC.
AC Power Cable		USA/CAN/JPN 210950 EU/KOR 210951 UK/SGP 211333 AUS/NZL 211334	Country specific power cable for PS65.
Car Adapter DC/DC		RRC-SMB-CAR 110041	90.00W car adapter with USB charging port. Power supplying in cars and trucks for RRC-SMB-FPC, RRC-PMM240 or mobile devices

### Germany/Headquarters

RRC power solutions GmbH  
Technologiepark 1  
66424 Homburg / Saar

Tel.: +49 6841 98090  
Fax: +49 6841 9809280  
Email: sales@rrc-ps.de  
Web: www.rrc-ps.de

### USA

RRC power solutions Inc.  
18340 Yorba Linda Blvd.,  
# 107-437 Yorba Linda,  
CA 92886-4104

Tel.: +1 714 777 3604  
Fax: +1 714 777 3658  
Email: usa@rrc-ps.com  
Web: www.rrc-ps.com

### Hong Kong

RRC power solutions Ltd.  
S-V,6/F, Valiant Industrial  
Centre 2-12 Au Pui Wan Street  
Fo Tan, N.T., Hong Kong

Tel.: +852 2376 0106  
Fax: +852 2375 0107  
Email: hkrrc@rrc-ps.cn  
Web: www.rrc-ps.com

### China

RRC power solutions Ltd.  
Room 1306, C Building,  
Tianan International building,  
Renmin South Road, Luohu  
District, Shenzhen 518021

Tel.: +86 755 8374 1908  
Fax: +86 755 8374 1861  
Email: hkrrc@rrc-ps.cn  
Web: www.rrc-ps.com