



**Standard battery pack RRC1130 (1S1P)  
with 3.80V / 3880mAh / 14.7Wh**

**Features:**

- Off-the-shelf single cell pack with high-energy density in a slim and compact design
- Allows to develop smaller and lightweight portable devices with long runtime, lower NRE costs and shorter time to market
- Fuel Gauge based on Impedance Tracking™ delivers accurate Time-To-Empty & Remaining Capacity predictions over the life time
- I<sup>2</sup>C communication
- Temperature control by NTC
- Comprehensive charging/discharging and passive safety systems
- Worldwide approvals
- Registered with recycling systems worldwide



**Applications:**



Suitable for use with hand held compact devices in industrial and medical areas, etc.

**Specification**

General		Electrical Parameters	
Delivery status	30%	Nominal voltage	3.8V
battery capacity		Nominal capacity	3880mAh
Compliance information	CE / UL2054 / FCC / PSE / KC / Gost / EAC / CQC / RCM / IEC 62133 / UN 38.3 / RoHS / REACH / BIS / TIS 2217-2548	Initial impedance	<60mΩ @ 1kHz at 20°C
Operating temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)	Max. charge current	2400mA
Storage temperature	-20°C to 60°C max. -20°C to 20°C recommended	Max. charge voltage	4.35V
		Max. discharge	3000mA
		Life expectancy @25°C	>300 cycles with min 85% of initial capacity
		1.89A Charge/3.78A Discharge	

Battery Dimensions		Safety Parameters PCM	
Length	83.7mm±0.5	Overcharge detection voltage	4400mV
Width	61.03mm±0.4	Overdischarge detection voltage	2800mV
Thickness	6.8mm max.	Overcharge detection current	3000mA
Weight	69g	Overdischarge detection current	4000mA
Contacts	+, -, SDA (NTC), SCL		

**Recommended Accessories**

Type		Product	Application
Desktop Battery Charger		RRC-SCC1130	5W standard desktop battery charger for optimized charging process with external power supply for worldwide use.
Battery Mating Connector		RRC-MC11-90-2	Mating Connector for standard semi smart batteries RRC1120, RRC1130. Available for 90° PCB mounting.

**Germany/Headquarters**

RRC power solutions GmbH  
Technologiepark 1  
D-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.,  
Suite 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 520, Yuanlin Building,  
Aiguo Road No. 3066,  
Luohu District,  
Shenzhen 518021

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

## The Netherlands



Elektrostraat 17  
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33  
F: +31 (0)53 573 33 30  
E: [nl@texim-europe.com](mailto:nl@texim-europe.com)

## Belgium



Zuiderlaan 14 bus 10  
B-1731 Zellik

T: +32 (0)2 462 01 00  
F: +32 (0)2 462 01 25  
E: [belgium@texim-europe.com](mailto:belgium@texim-europe.com)

## UK & Ireland



St. Mary's House, Church Lane  
Carlton Le Moorland  
Lincoln LN5 9HS

T: +44 (0)1522 789 555  
F: +44 (0)845 299 22 26  
E: [uk@texim-europe.com](mailto:uk@texim-europe.com)

## Germany North



Bahnhofstrasse 92  
D-25451 Quickborn

T: +49 (0)4106 627 07-0  
F: +49 (0)4106 627 07-20  
E: [germany@texim-europe.com](mailto:germany@texim-europe.com)

## Germany South



Martin-Kollar-Strasse 9  
D-81829 München

T: +49 (0)89 436 086-0  
F: +49 (0)89 436 086-19  
E: [germany@texim-europe.com](mailto:germany@texim-europe.com)

## Austria



Warwitzstrasse 9  
A-5020 Salzburg

T: +43 (0)662 216 026  
F: +43 (0)662 216 026-66  
E: [austria@texim-europe.com](mailto:austria@texim-europe.com)

## Nordic region



Sdr. Jagtvej 12  
DK-2970 Hørsholm

T: +45 88 20 26 30  
F: +45 88 20 26 39  
E: [nordic@texim-europe.com](mailto:nordic@texim-europe.com)

## Italy



Via Matteotti 43  
IT-20864 Agrate Brianza (MB)

T: +39 (0)395 967 226  
F: +39 (0)395 967 226  
E: [italy@texim-europe.com](mailto:italy@texim-europe.com)

## General information



[info@texim-europe.com](mailto:info@texim-europe.com)  
[www.texim-europe.com](http://www.texim-europe.com)