









## STANDARD BATTERIES WITH WORLDWIDE APPROVALS



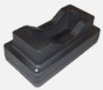







### FEATURES

- Worldwide mandatory approvals for the batteries based on national standards for e.g. USA, Canada (UL), Europe (CE), Japan (PSE), Korea (KC), Australia (RCM), Russian Federation (Gost/EAC), India (BIS), China (CQC)...
- Off-the-shelf batteries (no cost for R&D and approval)
- Ability to communicate via SMBus (SMART standard)/ I<sup>2</sup>C
- Designed in Germany
- Leading Edge Li-Ion technology ready to use for medical, measurement, military and industrial application
- Registered with recycling systems worldwide
- Wide range of compatible accessories available (power management module, desktop charger, cable assembly, etc.)

### BATTERIES

<b>RRC2024</b>	<b>RRC2020</b>	<b>RRC2040</b>	<b>RRC2040-2</b>	<b>RRC2054</b>	<b>RRC2057</b>	<b>RRC1120</b>	<b>RRC1130</b>
453P cell configuration	353P cell configuration	351P cell configuration	352P cell configuration	451P cell configuration	252P cell configuration	151P cell configuration	151P cell configuration
14.4V	11.25V	11.25V	11.25V	15.0V	7.5V	3.7V	3.8V
6.60Ah	8.85Ah	2.95Ah	6.40Ah	3.20Ah	6.40Ah	2.00Ah	3.88Ah
10A discharge	10A discharge	3A discharge	6.5A discharge	4A discharge	8A discharge	2A discharge	3A discharge
95.0Wh	99.6Wh	33.2Wh	72.0Wh	48.0Wh	48.0Wh	7.4Wh	14.7Wh
							

### CHARGES & ACCESSORIES

<b>RRC-SMB-MBC</b>	<b>RRC-SMB-UBC</b>	<b>RRC-SCC1120</b>	<b>RRC-SCC1130</b>	<b>RRC- PMM240</b>	<b>RRC-SMB-CAR</b>	<b>SMBus Cable</b>	<b>SMBus Reader</b>
Battery charger	Battery charger /conditioner	Battery charger	Battery charger	Power management module	Car adaptor for RRC-SMB-MBC & -UBC	Extension cable	SMBus battery diagnostic tool
50W charge power	65W charge power	4.2W charge power	4.35W charge power	Up to 240W cont. power	85W + 5W USB	For RRC204x and RRC205x	For use with 5 blade connector
Input 24VDC AC power supply incl.	Input 24VDC AC power supply incl.	Input 5VDC Micro-USB, AC power supply incl.	Input 5VDC Micro-USB, AC power supply incl.	Input 7.5 – 24VDC	Input 11 – 32VDC		
							

# OVERVIEW: BATTERY CHARGERS, BATTERIES, POWER SUPPLIES, CAR ADAPTERS, CUSTOM POWER SOLUTIONS AND WIRELESS POWER

## BATTERY CHARGES

Our existing battery charger design platforms will meet almost any requirements. From simple single-cell chargers, to multi-bay, high-powered “smart” chargers, we can provide a charger to meet your expectations.

- 10-40W standard single and multi-bay battery chargers
- 20-50W advanced smart chargers
- Custom chargers up to 400W+



## BATTERIES

Standard as well as custom battery packs are available that take into consideration all of the technical and commercial requirements of our target markets. As an independent assembler of Li-ion battery packs, RRC has access to all of the cell types from established global cell manufacturers.

- Standard and individual battery packs based on cylindrical or prismatic cells with Li-ion technology (e.g. LiFePO4, Li-ion, LiPo)
- State-of-the-art battery management according to the latest standards (JEITA Standard)  
Custom housing, connectors and contacts available



## POWER SUPPLIES

AC/DC and DC/DC power supplies from 25W to 700W covering the industrial, medical, consumer and military markets.

- “Brick” and open frame designs
- Custom input and output as required
- Very high efficiency and compact design
- Custom integrated features such as: host communication, fans, shrouds, and attachments



## CAR/AIR ADAPTERS

DC/DC converters for car, truck and in-flight aircraft use.

- Designed to meet the most demanding global standards
- Custom input and output as required
- Very high efficiency and compact design
- Wide input voltage range of 9-32V
- Medical versions available
- Power from 6-150W



## CUSTOM POWER SOLUTIONS

Our customers are leading Global OEMs with their own specific requirements for battery chargers and power supplies. 90% of what we do is customized for the application. If you need something out of the ordinary, we can build it.

- Specialty medical or industrial requirements
- Ultra-low electrical emissions
- Custom industrial design
- In-house custom software capability



