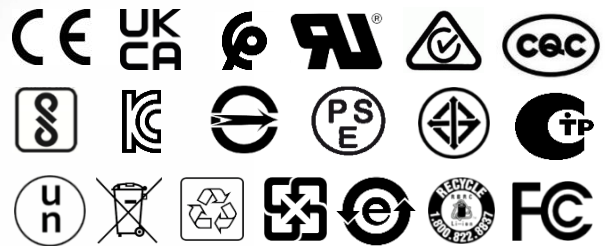


## RRC3570

Rechargeable Smart Battery Pack Li-Ion  
25.20V / 3.90Ah / 98.28Wh



Picture only for reference



### Features

- Worldwide approvals and certification of safety standards
- No development costs, fast time-to-market
- Smart batteries with numerous features according to the SMBus specification
- Integrated LED State of Charge (SoC) indicator
- State-of-the-art lithium-ion cells with the market's highest energy density
- High discharge performance
- JEITA charging profile optimization
- Numerous and redundant safety features
- Up to 80% of initial capacity after 800 cycles

### Applications

Suitable for use with robotic, industrial and medical devices, etc.

**Specification**


<b>General</b>	
Delivery status battery capacity	< 30%
Compliance information	IEC 62133 / CE / UL2054 / CAN ICES-003(B) / NMB-003(B) / FCC / ICES / UKCA / PSE / KC / BSMI / GOST-R / CMIM / CQC / RCM / BIS / TISI / UN 38.3 / RoHS / REACH
Operating temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)
Storage temperature	-20°C to 60°C max. 0°C to 25°C recommended
P/N	110125  Each battery has an individual serial number (S/N), which is located on the hardpack label for tracking & traceability.

<b>Electrical Parameters</b>	
Nominal voltage	25.20V
Nominal (rated) capacity	3.90Ah
Initial impedance	Max. 100mΩ @ 1kHz at 25°C
Max. charge current	6.00A
Max. charge voltage	29.40V
Max. discharge current	30.00A

<b>Battery Dimensions</b>	
Length	173mm ± 0.50mm
Width	80mm ± 0.40mm
Thickness	30mm ± 0.50mm
Weight	~ 655g
Contacts	+, C, D, T, -, -
Ingress Protection	IP40

<b>Safety Features</b>	
CUV (Cell Under Voltage)	Protection against deep discharge
COV (Cell Over Voltage)	Protection against over charge
OTC (Over Temperature in Charge)	Protection against overheating while charging
OTD (Over Temperature in Discharge)	Protection against overheating during discharging

**Recommended Accessories**

Type	Product	P/N	Application
Battery Mating Connector		RRC-MC35-180-30 211947	Mating connector for standard smart batteries from RRC. Suitable for RRC35xx batteries. Available for 180° PCB mounting.

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