

TECHNICAL DATA SHEET

RRC3570

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Rechargeable Smart Battery Pack Li-Ion

25.20V / 3.90Ah / 98.28Wh

P/N: 110125

Distributed by:



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, e.g.:
 - 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
- Life expectancy: Up to 80% of initial capacity after 800 cycles

Applications

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

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Specification

General	
Delivery status battery capacity	< 30%
Compliance information	IEC 62133 / CE / UL2054 / 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. -20°C to 25°C recommended

Electrical Parameters	
Nominal voltage	25.20V
Nominal (rated) capacity	3.90Ah
Initial impedance	<125mΩ @ 1kHz at 25°C
Max. charge current	6.00A
Max. charge voltage	29.40V
Max. discharge current	30.00A

Battery Dimensions	
Length	173mm ± 0.30mm
Width	80mm ± 0.20mm
Thickness	30mm ± 0.20mm
Weight	~ 650g
Contacts	+, C, D, T, -, -

Safety Parameters PCM	
Overcharge detection voltage / cell	4.25V
Overdischarge detection voltage / cell	2.50V
Overcharge detection current	6.60A
Overdischarge detection current	32.00A

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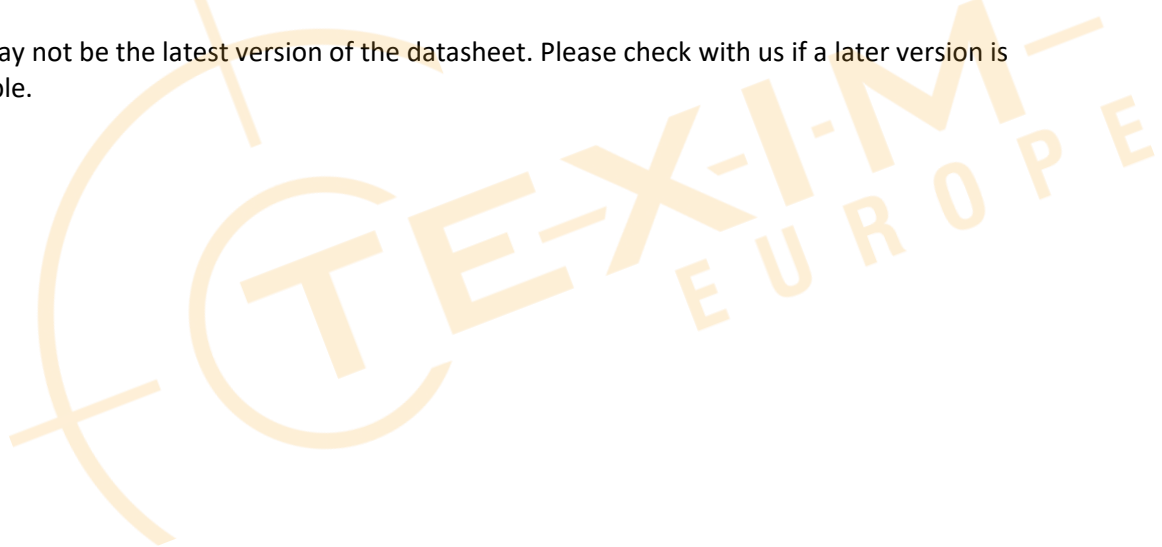
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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