

RRC2024

Standard Battery Pack Li-Ion
14.40V / 6.60Ah / 95.00Wh



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
- Battery Life Management: increased protection in case of cell ageing
- Increased ESD protection up to 8.00kV
- Up to 80% of initial capacity after 800 cycles

Applications

Suitable for use with tablet PC's, notebooks, industrial and medical devices, etc.

Specification

General	
Delivery status battery capacity	<30%
Compliance information	IEC 62133 / CE / UL2054 / CAN ICES-003(B) / NMB-003(B) / FCC / 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 50°C max. -20°C to 25°C recommended
P/N	100497

Electrical Parameters	
Nominal voltage	14.40V
Nominal capacity	6.60Ah
Initial impedance	<150mΩ @ 1kHz at 25°C
Max. charge current	4.53A
Max. charge voltage	16.80V
Max. discharge current	10.00A

Battery Dimensions	
Length	167.20mm +0.50/-0.50
Width	107.20mm +0.40/-0.30
Thickness	21.51mm +0.30/-0.50
Weight	600g
Contacts	+, C, D, T, -
Ingress protection	IP40

Safety Features	
CUV (Cell Under Voltage)	Protection against deep discharge
COV (Cell Over Voltage)	Protection against overcharge
OTC (Over Temperature in Charge)	Protection against overheating while charging
OTD (Over Temperature in Discharge)	Protection against overheating during discharging