

Rechargeable Lithium-ion Battery Pack D91120

Standard Li-ion battery pack D91120, 1 x 103450S cells (1S1P) with 3.70V / 2000mAh / 7.4Wh



Features:

- Off the shelf single cell pack with high energy density in a slim / compact design
- Allows to develop smaller / 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
- I2C communication
- Temperature control by NTC
- Comprehensive charging/discharging and passive safety systems
- Worldwide approvals
- Registered with recycling worldwide

Applications:

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



General	
Delivery status battery capacity	30%
Compliance information	CE / UL2054 / FCC / PSE / KC / IEC 62133 / Gost / EAC / RCM / ROHS / UN 38.3 / Reach / CQC / BIS
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
Charger	Single Position
Length	53mm
Width	35mm
Thickness	11.0mm (init) 11.3mm (500cycle)
Weight	ca. 50g
Contacts	+, C, D, T -

Electrical Parameters	
Nominal Voltage	3.7V
Nominal Capacity	2000mAh
Internal Impedance	<100mΩ @ 1kHz at 20°C
Maximum charge current	1100mA
Maximum charge voltage	4.2V
Continuous discharge max discharge	2000mA 2000mA
Life expectancy @25°C 1.0A Charge/1.0A discharge	>300 cycles with min. 80% of initial capacity

Safety Parameters PCM	
Overcharge detection voltage	4480mV
Overdischarge detection voltage	2800mV / cell
Overcharge detection current	1360mA
Overdischarge detection current	2270mA

Prior to use read handling precaution and prohibitions for Li-ion batteries

