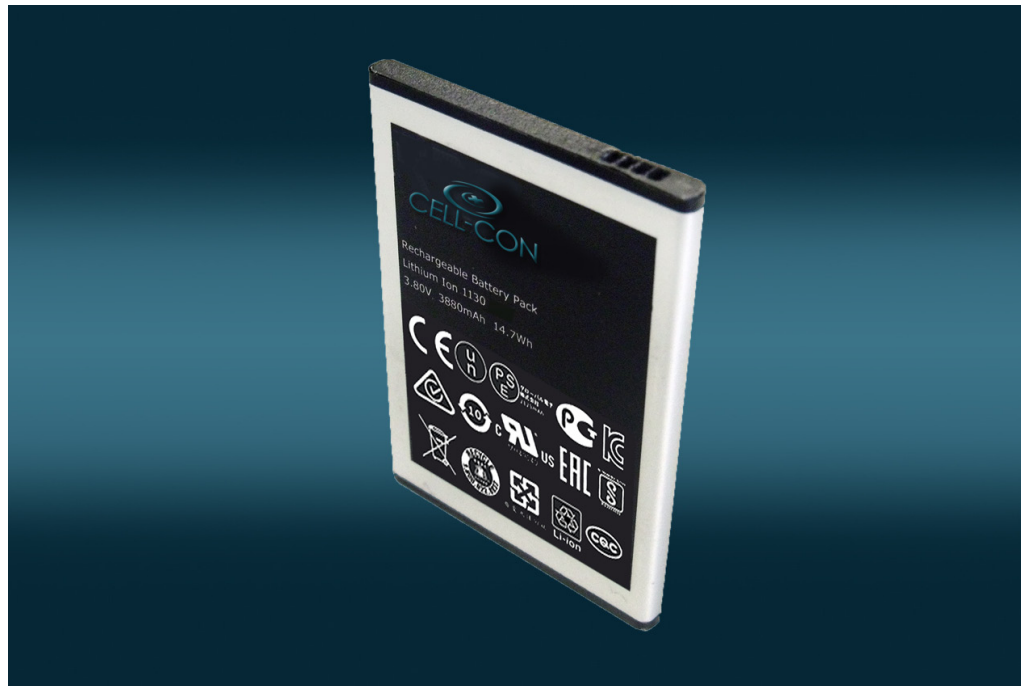


**Rechargeable
Lithium-ion
Battery Pack D91130**

Standard Li-ion battery pack D91130, 1 x 596080B cells (1S1P) with 3.80V / 3880mAh / 14.7Wh



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	84mm
Width	61mm
Thickness	6.8mm max
Weight	75g
Contacts	+, -, SDA (NTC), SCL

Electrical Parameters	
Nominal Voltage	3.8V
Nominal Capacity	3880mAh
Internal Impedance	<100mΩ @ 1kHz at 20°C
Maximum charge current	2400mA
Maximum charge voltage	4.35V
Max discharge	3000mA
Life expectancy @25°C 1.9A Charge/0.75A discharge	>500 cycles with min. 80% of initial capacity

Safety Parameters PCM	
Overcharge detection voltage	4400mV
Overdischarge detection voltage	2800mV
Overcharge detection current	3000mV mA
Overdischarge detection current	4000mV mA

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

