

**Rechargeable
Lithium-ion
Battery Pack D92020**

Standard Li-ion battery pack D92020, 9 x 18650 cells (3S3P) with 11.25V / 8850mAh / 99.6Wh



Features:

- Highest available energy density
- SMBus & SBDS Rev 1.1 compliant
- Fulfills JEITA standards, advanced temperature dependent charging profile (Fastest charging / Maximized cycle life)
- Registered with recycling systems
- Impedance tracking and cell balancing (No manual recalibration necessary, longest lifetime)
- Comprehensive charging/discharging and passive safety systems
- Worldwide approvals

Applications:

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



General	
Basic Cell	ICR 18650-30
Delivery status battery capacity	50% - 70%
Label	Standard or Customized
Compliance information	CE / UL2054 / UL1642 / FCC IEC 62133 / EN60950 / ROHS UN 38.3 / PSE / RCM
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
Charger	Single and multi-position docking stations available
Length	149mm
Width	89mm
Thickness	19.7mm
Weight	490g
Contacts	+, C, D, T -

Electrical Parameters	
Nominal Voltage	11.25V
Nominal Capacity	8850mAh
Internal Impedance	100mΩ @ 1kHz at 20°C
Maximum charge current	6200mA
Maximum charge voltage	13.05V
Continuous discharge	10,000mA
Peak discharge	14,000mA
Life expectancy @25°C 4.4A Charge/4.4A discharge	>300 cycles with min. 80% of initial capacity

Safety Parameters PCM	
Overcharge detection voltage	4420mV / cell
Overcharge release voltage	4200mV / cell
Overdischarge detection voltage	2600mV / cell
Overdischarge release voltage	3000mV / cell
Overcharge detection current	7000mA
Overdischarge detection current	8500mA

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

