

**Rechargeable
Lithium-ion
Battery Pack D92054-2**

Standard Li-ion battery pack D92054-2, 8 x 18650 cells (4S2P) with 14.4V / 6900mAh / 99.4Wh



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	18650
Delivery status battery capacity	30%
Label	Standard or Customized
Compliance information	CE / UL2054 / UL1642 / FCC IEC 62133 / EN60950 / ROHS UN 38.3 / PSE / RCM / KC / GOST / EAC / CQC / REACH / BIS
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	150.4mm
Width	77.4mm
Thickness	22.35mm
Weight	430g
Contacts	+, C, D, T -

Electrical Parameters	
Nominal Voltage	14.4.0V
Nominal Capacity	6900mAh
Internal Impedance	200mΩ @ 1kHz at 20°C
Maximum charge current	4830mA
Maximum charge voltage	16.8V
Continuous discharge	10000mA
Peak discharge	20000mA
Life expectancy @25°C 3.2A Charge/3.2A discharge	>300 cycles with min. 63% of initial capacity

Safety Parameters PCM	
Overcharge detection voltage	4270mV / cell
Overcharge release voltage	4100mV / cell
Overdischarge detection voltage	2500mV / cell
Overdischarge release voltage	2750mV / cell
Overcharge detection current	6000mA
Overdischarge detection current	10500mA

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

