Rechargeable Lithium-ion Battery Pack D92057

Standard Li-ion battery pack D92057, 4 x 18650 cells (2S2P) with 7.5V / 6400mAh / 48.0Wh

LITHIUM ION BATTERY PACK D92057

Features:

- Highest available energy density
- SMBus & SBDS Rev 1.1 compliant
- Fulfils 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 18650-32
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 / KC / GOST / EAC / CQC / REACH / BIS
Operating temperature	0°C to 45°C (charge) -20°C to 55°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	85mm
Width	77mm
Thickness	23mm
Weight	240g
Contacts	+, C, D, T -

Electrical Parameters	
Nominal Voltage	7.5V
Nominal Capacity	6400mAh
Internal Impedance	200mΩ @ 1kHz at 20°C
Maximum charge current	4480mA
Maximum charge voltage	8.7V
Continuous discharge Peak discharge	8000mA 20000mA
Life expectancy @25°C 3.2A Charge/3.2A 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	2750mV / cell
Overdischarge release voltage	3000mV / cell
Overcharge detection current	5000mA
Overdischarge detection current	8500mA

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

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