

Rechargeable Lithium-ion Battery Pack D92024

Standard Li-ion battery pack D92024, 12 x 18650 cells (4S3P) with 14.40V / 6600mAh / 95.0Wh



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 18650-22F
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 60°C max. -20°C to 25°C recommended
Charger	Single and multi-position docking stations available
Length	167.5mm
Width	107.5mm
Thickness	21.5mm
Weight	590g
Contacts	+, C, D, T -

Electrical Parameters	
Nominal Voltage	14.4V
Nominal Capacity	6600mAh
Internal Impedance	150mΩ @ 1kHz at 20°C
Maximum charge current	4620mA
Maximum charge voltage	16.8V
Continuous discharge	10,000mA
Peak discharge	14,000mA
Life expectancy @25°C 3.2A Charge/3.2A discharge	>300 cycles with min. 80% of initial capacity

Safety Parameters PCM	
Overcharge detection voltage	4300mV / cell
Overcharge release voltage	4100mV / cell
Overdischarge detection voltage	2750mV / cell
Overdischarge release voltage	3000mV / cell
Overcharge detection current	5300mA
Overdischarge detection current	8500mA

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

