

+ 26Ah Prismatic Pouch Cell

NMC Lithium-Ion



This A123 pouch cell is our most powerful NMC cell yet. Containing our proven NMC technology, this cell provides outstanding cycle life and high energy density. A123's 26Ah is equipped to deliver excellent performance, including outstanding abuse tolerance, even under the most rigorous testing. Packaging is convenient in our existing module hardware and easily scalable for multiple applications.



Applications

- + PHEV, EV
- + Industrial Equipment

Product Specifications	
Cell Dimensions (mm)	161 x 227 x 7.5
Cell Weight (g)	550
Cell Capacity (minimum, Ah)	26
Nominal Voltage (V)	3.7
Nominal Energy (Wh)	97
Volume (cc)	274
Specific Power (W/kg)	2,500
Power Density (W/L)	5,100
Specific Energy (Wh/kg)	180
Energy Density (Wh/L)	355
Storage Temperature	-40°C to 60°C
Operating Temperature	-30°C to 55°C

Abuse Test	Result
Nail Penetration	Pass—EUCAR 3
Overcharge	Pass—EUCAR 3
Over-discharge	Pass—EUCAR 3
Thermal Stability	Pass—EUCAR 4
External Short	Pass—EUCAR 3
Crush	Pass—EUCAR 3