

+ 20Ah Prismatic Pouch Cell

UltraPhosphate™ Lithium-Ion

A123's patented UltraPhosphate technology provides this prismatic cell with outstanding cycle life and a very high power output. With a high usable energy range and industry-leading abuse tolerance, this cell delivers excellent performance even under the most rigorous testing. Packaging these light weight cells is easy because of the compact design that's ready for virtually any high power application.



Applications

+ Starter Battery

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

Product Specifications

Cell Dimensions (mm)	150 x 144 x 14.2
Cell Weight (g)	520
Cell Capacity (minimum, Ah)	20
Voltage (nominal, V)	3.3
Nominal Energy (Wh)	65
Volume (cc)	312
Specific Power (W/kg)	5,200
Power Density (W/L)	9,600
Specific Energy (Wh/kg)	126
Energy Density (Wh/L)	208
Storage Temperature	-40°C to 60°C
Operating Temperature	-30°C to 55°C