

+ 14Ah HIGH POWER PRISMATIC CELL

AHP14*m*Ultra-A

Nanophosphate[®] Lithium Ion

KEY FEATURES AND BENEFITS

- + Superior power output and charge acceptance with high usable energy range
- + High power density
- + Exceptional cycle life from A123's patented Nanophosphate[®] lithium ion chemistry
- + Industry-leading abuse tolerance



PRODUCT SPECIFICATIONS

Cell Dimensions (mm)	7.25 x 160 x 227
Cell Weight (g)	510
Cell Capacity (minimum, Ah)	14
Max Discharge Current (10-second, A)	500
Discharge Power (10-second, W)	1400
Voltage (nominal, V)	3.3
Specific Power (nominal, W/kg)	2700
DCR (10-second, mΩ)	1.3
Cycle Life at 100A Discharge, 100% DOD	> 1000
Operating Temperature	-30°C to 55°C
Storage Temperature	-40°C to 60°C

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

APPLICATIONS

- + HEV Heavy Duty Commercial Vehicles
- + HEV Passenger Vehicles
- + Starter Battery

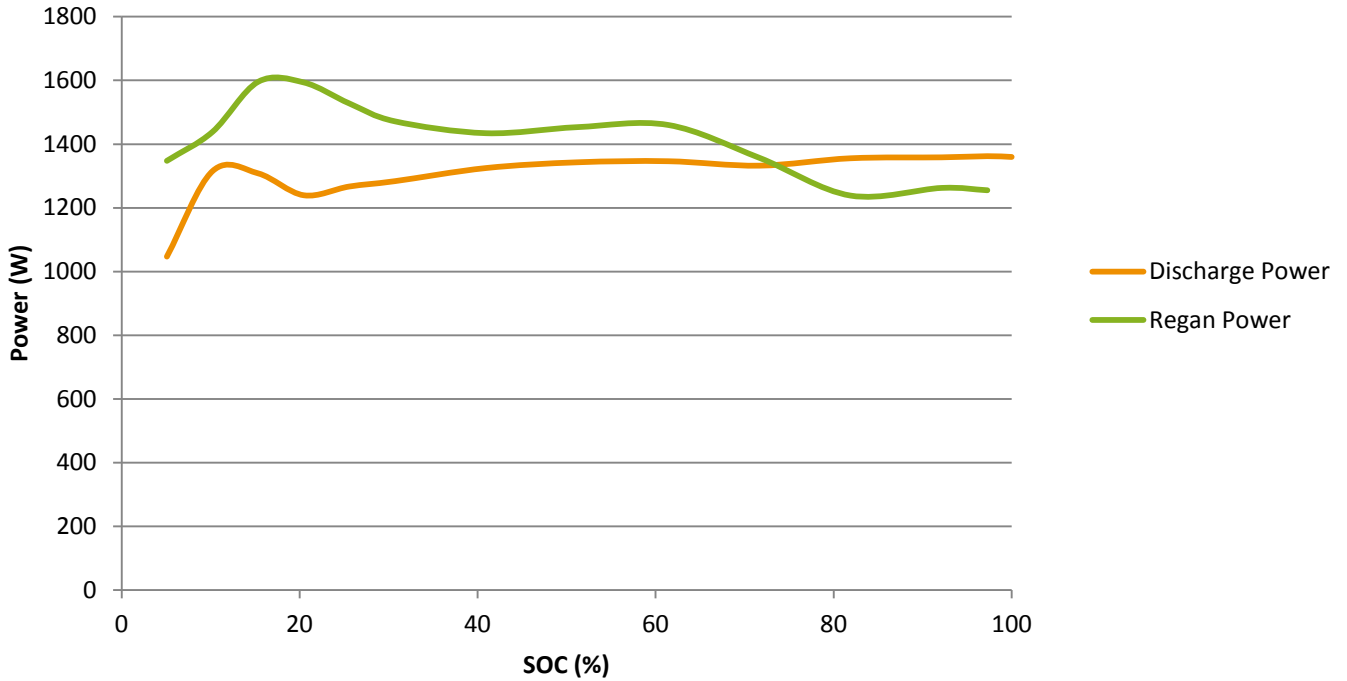
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10s Power as a Function of SOC at 23°C



Cycle Life Performance, 100% DOD, 1.5C/10C at 45°C

