



+ 22S3P Module

NMC Technology

A123's NMC technology provides our modules with superior cycle life and excellent abuse tolerance. Utilizing A123's proven hardware architecture, we are able to build upon existing framework and easily configure with NMC technology in an efficient design that's easily scalable to any automotive specification across the world.



Applications

- + EV & PHEV Commercial Vehicles
- + EV & PHEV Passenger Vehicles
- + Auxiliary Power

Features

- Integrated mounting features to support both horizontal and vertical (shown) module orientations
- Thermal management interface on 3 sides to support multiple orientations or multiple surfaces for thermal management
- Integrated cell voltage and temperature sensing and on-board MBB (Module Balancing Board) with CAN communications to the system level application

Product Specifications

External Dimensions (mm)	242H x 165W x 592L
Mass (kg)	42.4
Voltage (nominal, V)	80.3
Nominal Capacity (Ah)	78
Nominal Energy (Wh)	6,349
Discharge (pulse, 2 sec, A)	1,065
Discharge (continuous, A)	465
Charge (pulse, 2 sec, A)	645
Charge (continuous, A)	150

*Information contained on this sheet is preliminary and subject to change based on additional testing data.