

Li-Ion Prismatic Battery



Features

High energy density, energy volume density is up to 370wh/L, specific energy is up to 150wh/kg;
High voltage and 3.7V of average voltage - 3 times that of Ni-Cd and NiMh battery;
Low self discharge rate;
No memory effect; Excellent safety feature;
Wide operating temperature from -20°C to +60°C;
Fast charge characteristics. the battery shall be charged to saturation state within 150 minutes at 1C5A;

Applications

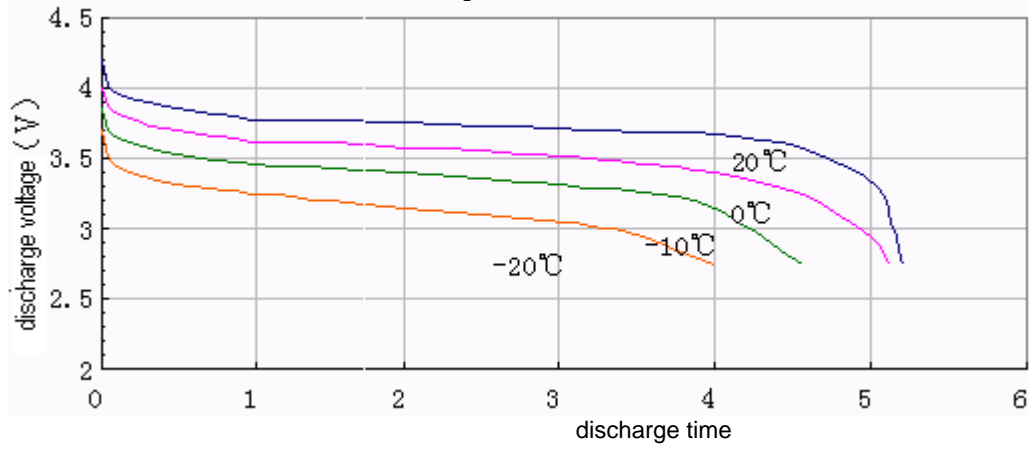
Portable electronic devices, such as mobile phone, notebook computers, PDAs, FRS, Lap-top PCs, etc.

Li-ion cell (aluminum can) Li-ion cell(steel can)

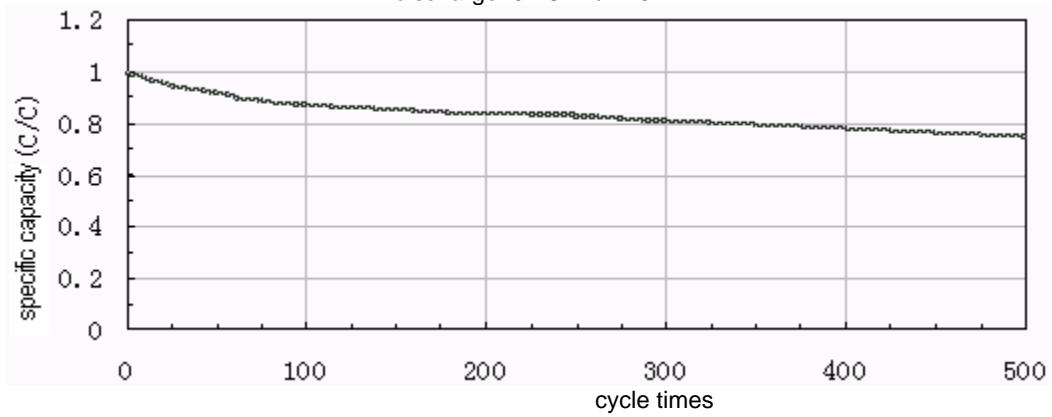
Operation Temperature

charge: 0° C~45° C
discharge: -20° C~60° C

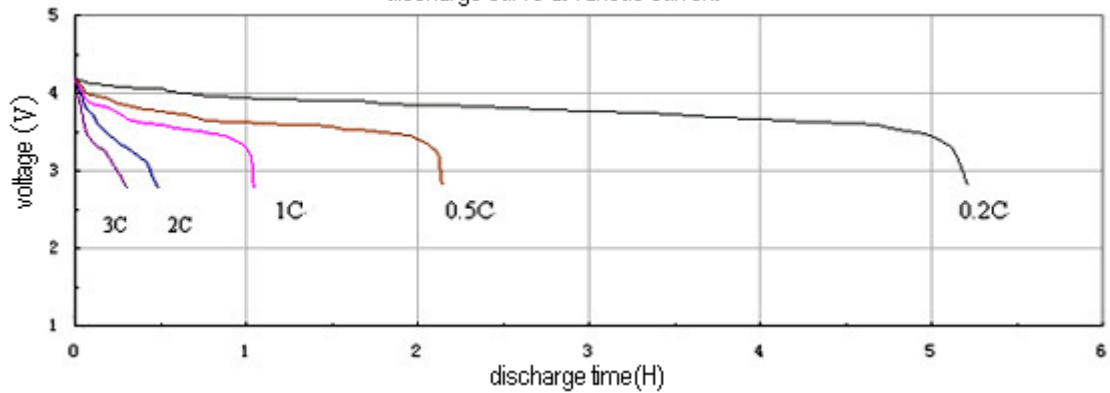
Discharge Curve at Various Temperature
charge: 4.2V/1CmA/2.5h, temperature: 23°C
discharge: 0.2CmA/2.75V



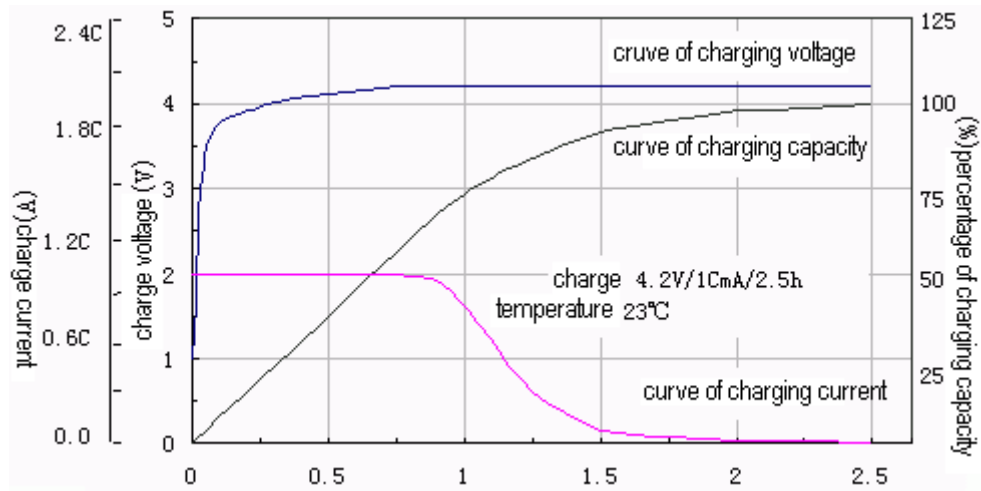
Cycle Life
charge: 4.2V/1CmA/2.5h, temperature: 23°C
discharge: 0.2CmA/2.75V



Discharge Curve at Various Current
charge: 4.2V/1CmA/2.5h, temperature: 23°C
discharge curve at various current



Curve of Charging Feature



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