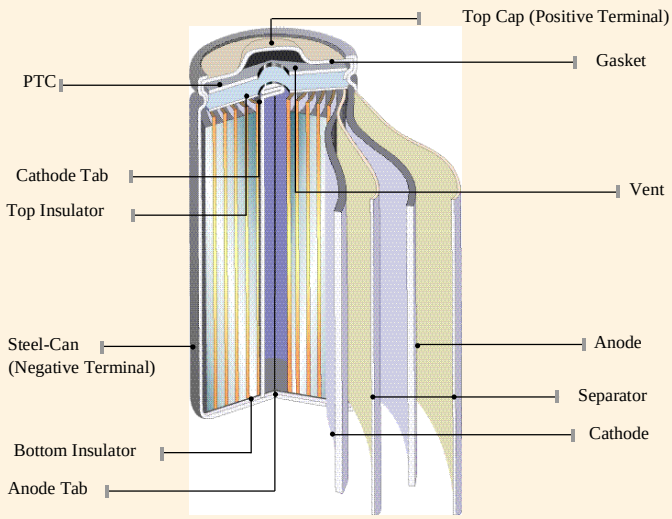
ICR18650P1

Structure



Higher energy density ever. > 438 wh/liter and > 168 wh/kg.

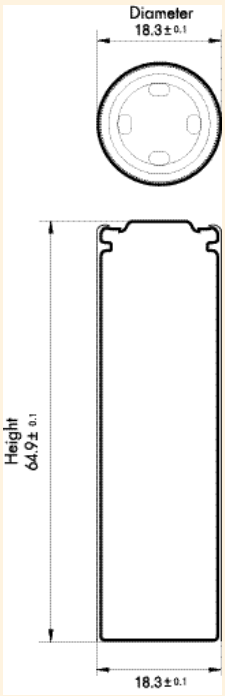
1.High Energy Density
2.Improved Battery safety
3.Free from Leakage of Liquid Electrolyte

4.High Power Capability

5.Low Battery Impedance
6.High Capacity at Low Temperature (-1℃ or below)

Product Information

Dimensions

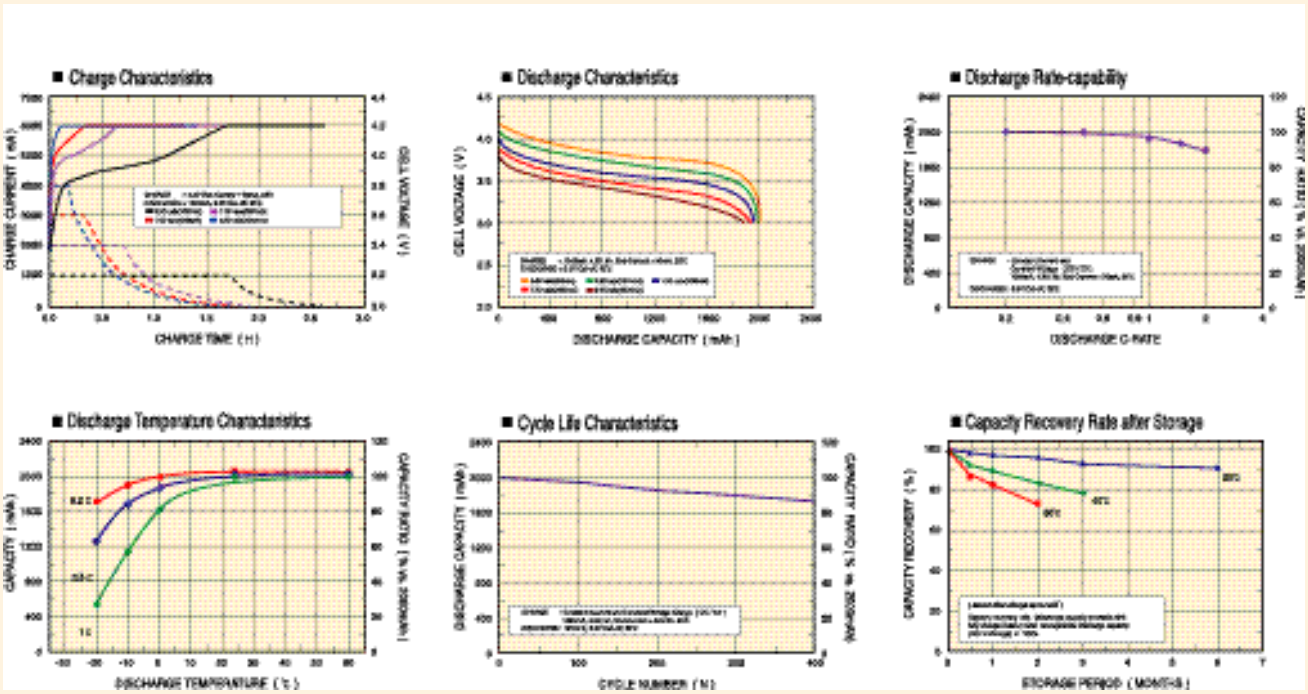


Specification of Li-ion Cylindrical Cell

ICR 18650P1

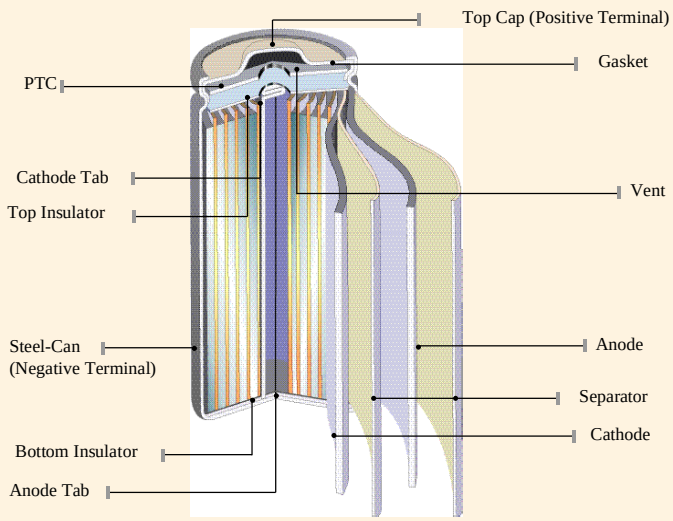
Nominal Voltage Capacity	Ave. 3.7V Nominal 2000mAh Min. 1950mAh
Charge Condition	constant current and voltage(CC/CV) current=975mA voltage=4.2V end-current=50mA time=5h
Discharge condition	Standard Current=390mA max. Current=3900mA cut-off voltage=3.0V
Cycle Life	80% of initial capacity after 400cycles charge :1000mA, 4.2V,50mA cut-off, 5h, 23℃ Discharge :1000mA, 2.75V cut-off, 23℃
Dimension(max.)	Diameter =18.3±0.1mm Height = 64.9±0.2mm
Weight	Approx. 45.0±0.2g

Characteristics(ICR18650P1)



ICR18650W1

Structure

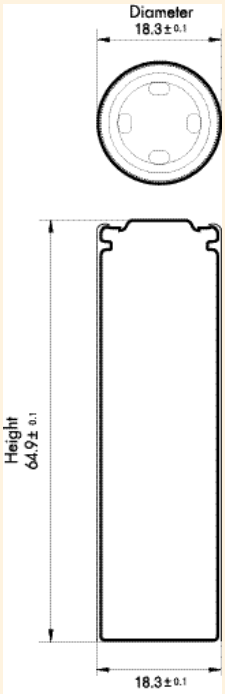


Higher energy density ever. > 395 wh/liter and > 155wh/kg.

1.High Energy Density
2.Improved Battery safety
3.Free from Leakage of Liquid Electrolyte
4.High Power Capability
5.Low Battery Impedance
6.High Capacity at Low Temperature (-10℃ or below)

Product Information

Dimensions



Specification of Li-ion Cylindrical Cell

ICR 18650W1

Nominal Voltage Capacity	Ave. 3.7V Nominal 1850mAh Min. 1800mAh
Charge Condition	constant current and voltage(CC/CV) current=900mA voltage=4.2V end-current=50mA time=5h
Discharge condition	Standard Current=360mA max. Current=3600mA cut-off voltage=3.0V
Cycle Life	80% of initial capacity after 400cycles charge :900mA, 4.2V, 50mA cut-off, 5h, 25℃ Discharge :900mA, 3.0V cut-off, 23℃
Dimension(max.)	Diameter =18.3±0.1mm Height =64.9±0.1mm
Weight	Approx. 44.0±0.2g

Characteristics(ICR18650W1)