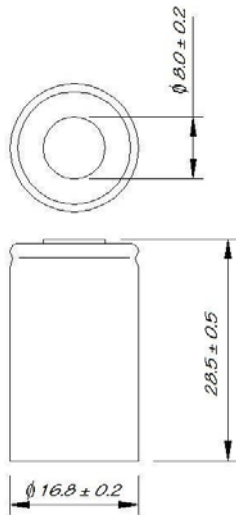


Sealed Rechargeable Cylindrical cell Nickel Metal Hydride

2/3A-1300 mAh



Date Sheet

Type-----Enrichpower2/3A1300
System-----Sealed rechargeable Ni-MHCylindrical cell
Nominal Voltage-----1.2V
Application-----Discharge current 130mA to 13A (Continuous)

Capacity (discharged at 0.2C to 1.0v at 20°C)

Nominal 1300mAh

Minimum 1250mAh

Typical 1300mAh

Internal resistance (at 1 kHz)

Fully charged, 20°C (approx) --- 9 ~ 12mΩ

Weight approx-----22g

Dimensions(including shrink sleeve)

-Diameter -----16.8(±0.2mm)

-Height -----28.5(±0.5mm)

Cd content(%cell w):-----0%

Max.discharge current(continuous)-----20C

Charging conditions(20°C)

standard charge-----130mA 14h

quick charge-----1300mA 1.1h

fast charge -----2A to 6A

Charge termination control recommended control parameter

-ΔV 5mV

DT/dt 0.8°C/min(0.5-1C)

0.8°C-1°C/min(>1C)

TCO 40-45°C

Timer 105%nominal input

Continuous 50mA maximum current for 1 year

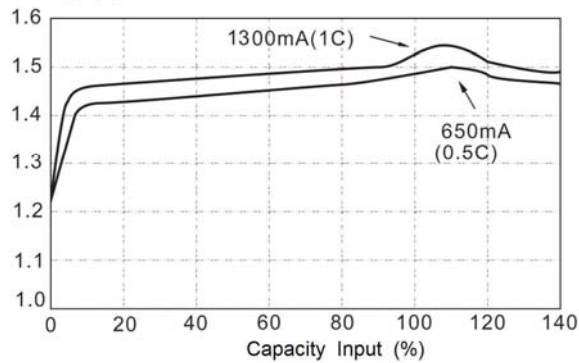
Overcharge No conspicuous deformation and/or leakage

Max.charging voltage 1.5V at 130mA charging

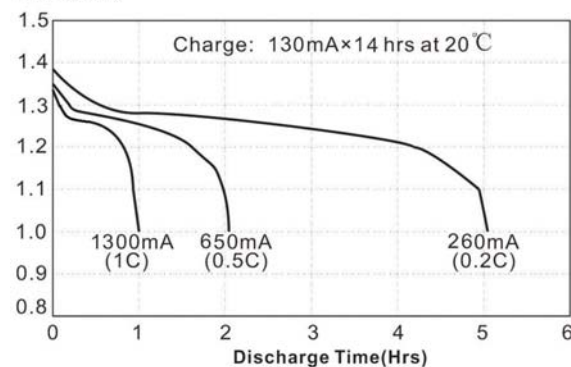
Operation temperatures(recommended)

Storage----- -20°C up to +35°C

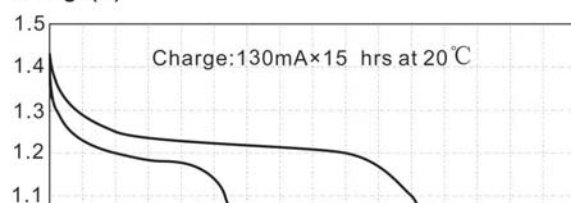
Fast Charge (Charge Control required)
Voltage(V)



Low Rate Discharge
Voltage(V)



High Rate Discharge
Voltage(V)



Discharge----- -20°C up to +50°C

standard charge----- 0°C up to +40°C

quickcharge,fastcharge--10°C upto+40°C

permanent charge-----+10°C up to +45°C

Life expectancy(20°C)----->500 cycles