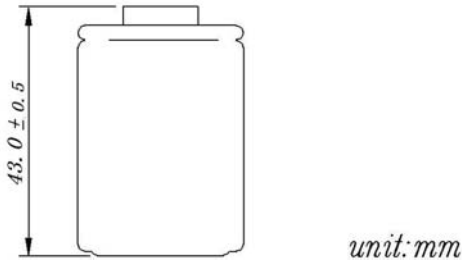
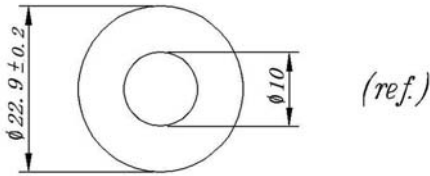


Sealed Rechargeable Cylindrical cell Nickel Metal Hydride

SC-4000 mAh

Date Sheet



Type-----EnrichpowerSC4000
System-----Sealed rechargeable Ni-MHCylindrical cell
Nominal Voltage-----1.2V
Application-----Discharge current 430mA to 30A (Continuous)
Capacity (discharged at 0.2C to 1.0v at 20□)
 Nominal 4000mAh
 Minimum 3900mAh
 Typical 4000mAh
Internal resistance (at 1 kHz)
 Fully charged,20□(approx)---3□5mΩ

Weight approx-----65g

Dimensions(including shrink sleeve)
 -Diameter -----22.9 (±0.2mm)
 -Height -----40.5(±0.5mm)

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

Typical Discharge time&Avg.Voltage (20□)
 30A--480S--1.200V (TURBOMATCHER□discharged at 30A to 0.9v at 20□)

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

Charging conditions(20□)
 standard charge-----400mA 14h
 quick charge-----4000mA 1.1h
 fast charge -----2A to 6A

Charge termination control recommended control parameter

-ΔV 5mV
 DT/dt 0.8□/min(0.5-1C)
 0.8□-1□/min(>1C)
 TCO 40-45□

Timer 105%nominal input

Continuous 100mA maximum current for 1 year
Overcharge No conspicuous deformation and/or leakage

Max.charging voltage 1.5V at 400mA charging

Operation temperatures(recommended)

Storage----- -20□ up to +35□

Discharge----- -20□ up to +50□

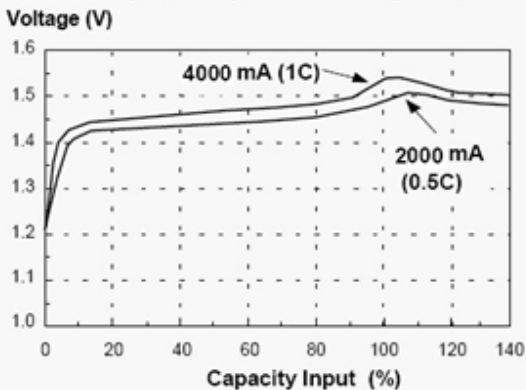
standard charge----- 0□ up to +40□

quickcharge,fastcharge--10□ upto+40□

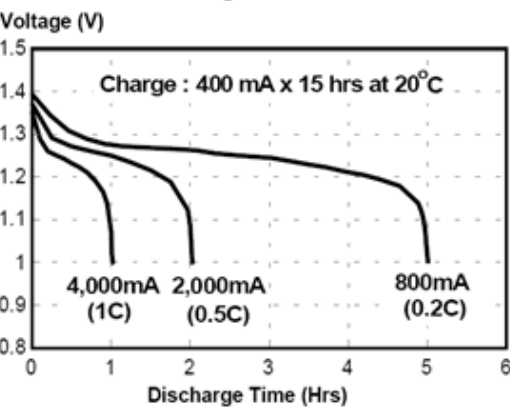
permanent charge-----+10□ up to +45□

Life expectancy(20□)----->500 cycles

Fast Charge (Charge Control required)



Low Rate Discharge



High Rate Discharge

