

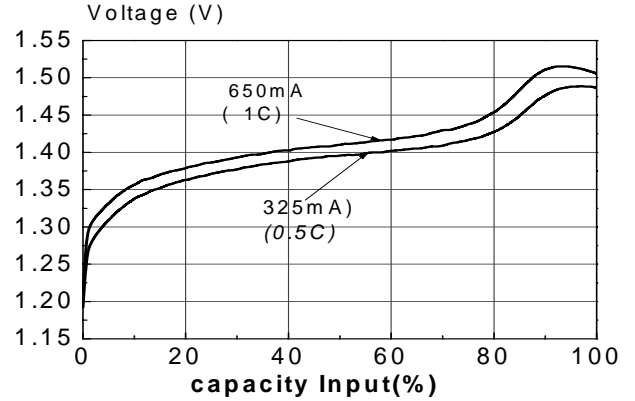
KAN Batteries

Date Sheet

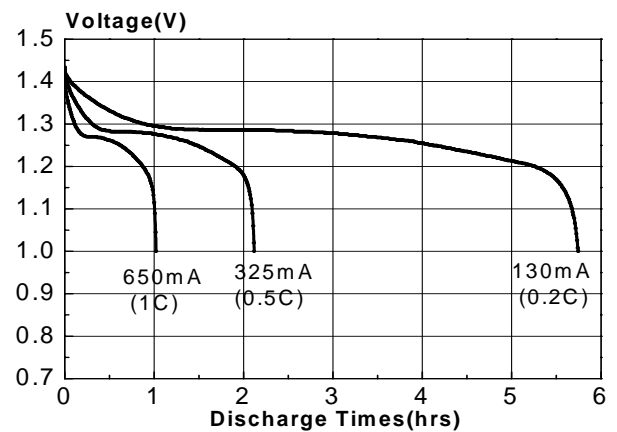
Model NO.: Kan2/3AA650HE

Type	: Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension	: $\phi = 14.0\text{mm}$ H=29.0mm
Applications	: Recommended discharge Current 65mA to 13A
Nominal Voltage	: 1.2V
Capacity	: Minimum: 650mAh : Normal capacity: 660 mAh When discharged at 130mA to 1.0V at 20°C
Fast Charge	: 325mA to 650mA (0.5 to 1C) Charge termination control recommended control parameters: - ΔV : 10mV DT/dt : 0.8°C/min (0.5 to 0.9C) : 0.8-1°C/min (1C) TCO : 45-50°C Timer : 105% nominal input
Service Life	: >500 cycles (IEC standard)
Continuous Overcharge:	65mA maximum current for 1 year No conspicuous deformation and/or leakage
Weight	: $\leq 14.0\text{g}$
Internal Resistance	: Average 18m Ω upon fully charged at 1000HZ and the temperature being 25°C
Max. Charging Voltage:	1.5V at 65mA charging
Ambient Temperature :	Standard Charging : 0 to 45°C Fast Charging : 10 to 45°C Discharging : -20 to 50°C Storage : -20 to 35°C

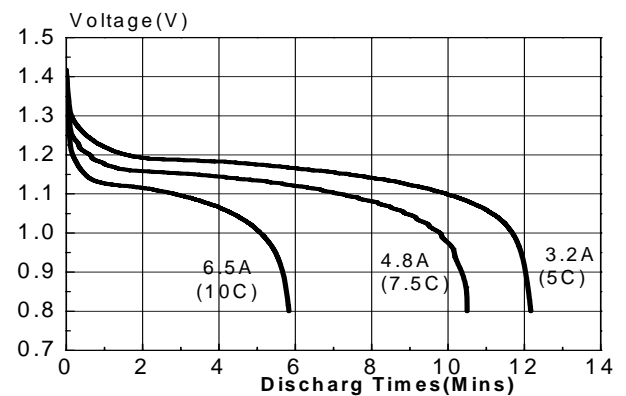
Fast charge (charge control required)



Low Rate Discharge



Hight Rate Discharge (- $\Delta V=10\text{v}$)



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