

TYPE: H-D8000H

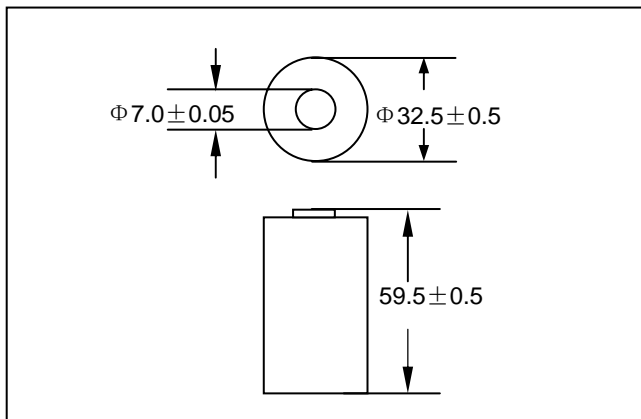
Specifications

| | |
|--------------------------------------|--|
| Nominal Dimension : (with sleeve) | $\Phi = 32.5 \pm 0.5\text{mm}$ $H = 59.5 \pm 0.5\text{mm}$ |
| Applications : | Recommended discharge current 800mA to 8000mA |
| Nominal Voltage : | 1.2V |
| Nominal Capacity* : | 8000mAh when discharge at 1600mA(0.2C) to 1.0V at 20°C |
| Standard Charge : | 800mA(0.1C) for 15 hrs at 20°C |
| Fast Charge : | 8000mA (1C) with charge termination control Recommended control parameters - ΔV :5mV & $\Delta T/\Delta t$:0.8~1°C/min Timer: 120 % nominal input |
| Service Life : | > 500 cycles |
| Continuous Overcharge : | 800mA maximum permissible current No conspicuous deformation and / or leakage |
| Weight** : | 162g |
| Internal Resistance** : | Max 20m Ω at 1000Hz measured within 1 hour after standard charge |
| Max. Charging Voltage : | 1.5V at 1600mA(0.2C) charging |
| Ambient Temperature : Range | Standard Charge : 0°C to 45°C Fast Charge : 10°C to 45°C Discharge : -20°C to 45°C Storage : -20°C to 45°C |

Note:

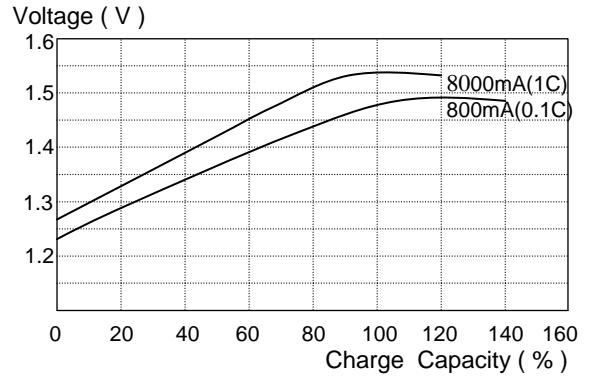
*0.2C discharge capacity after charging at 0.1C for 15 hours.

**Weight and internal impedance are for reference.

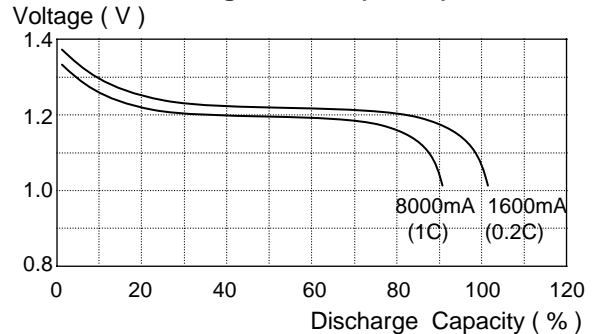


Characteristics

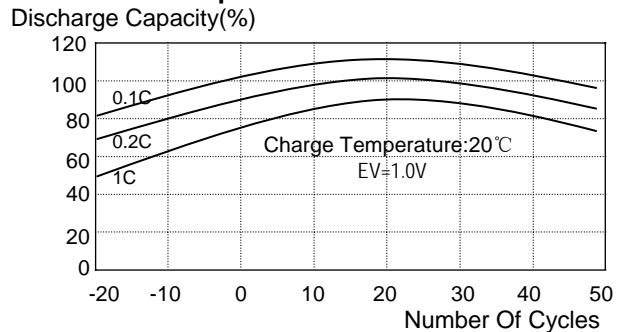
Charge Curves (20°C)



Discharge Curves (20°C)



Temperature Characteristic



American Toppower

Add: 2033 Route 130, Unit N, Monmouth Junction, NJ 08852

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.