

CR10450BL

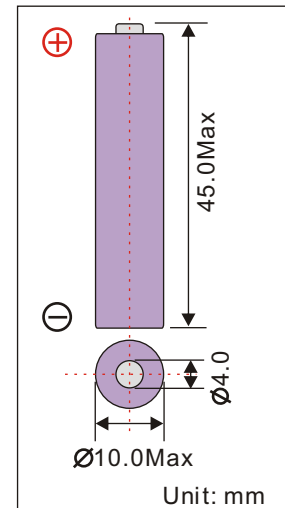
Brief Datasheet

Lithium Manganese Dioxide Battery

1 BASIC SPECIFICATION

(Typical values relative to cells stored for one year or less at +30°Cmax.)

| | |
|---|---------------|
| Nominal capacity (at 0.5mA, +23°C) ^{*1} | 850mAh |
| Nominal voltage | 3.0V |
| Standard discharge current | 0.5mA |
| Maximum continuous current | 7mA |
| Maximum pulse current ^{*2} | 70mA |
| Operating temperature range ^{*3} | -40°C - +85°C |
| Storage temperature (recommended) | +30°C Max |
| Weight | 10g |



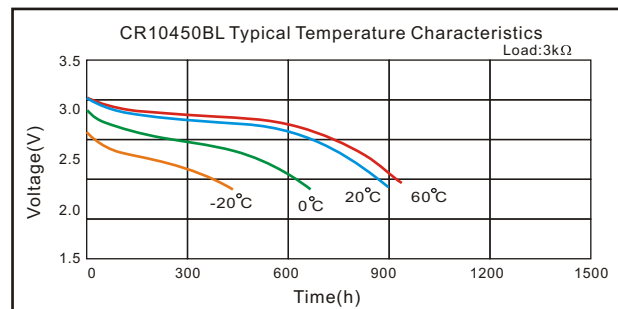
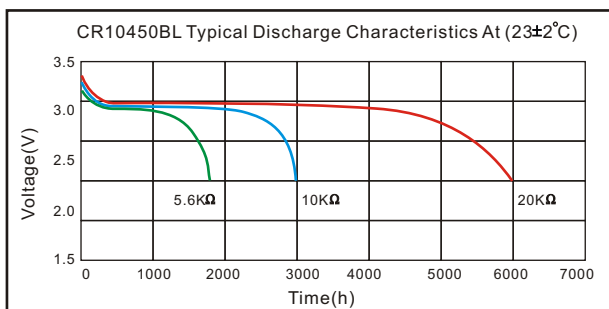
Note:

- *1 At 0.5mA discharge current to 2.0V cut-off, +23°C . The capacity restored by the cell varies according to current drain, temperature and cut-off.
- *2 The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history.
- *3 Operation above ambient temperature range may lead to reduced capacity and lower voltage readings at the beginning of pulses. Consult EEMB.

2 MAIN FEATURES

- Light Weight, High Voltage and High Energy Density
- Excellent Stable Discharge Characteristics and outstanding Temperature Characteristics
- The battery is bobbin type and best suited for long term use with low current
- Excellent Leakage Resistance and excellent Long-term Reliability

3 ELECTRICAL CHARACTERISTICS



Bobbin Structure Laser-sealing

Note: Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.