

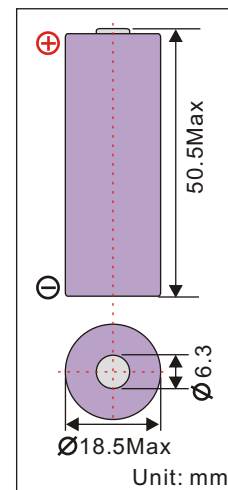
CR18505SL Brief Datasheet

Lithium Manganese Dioxide Battery

1 BASIC SPECIFICATION

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

Nominal capacity (at 1.0mA, +23 °C) ^{*1}	2800mAh
Nominal voltage	3.0V
Standard discharge current	1.0mA
Maximum continuous current	1500mA
Maximum pulse current ^{*2}	3000mA
Operating temperature range ^{*3}	-40°C- +85°C
Storage temperature (recommended)	+30°C Max
Weight	35g



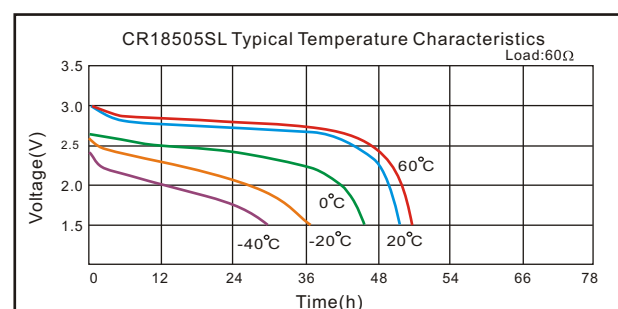
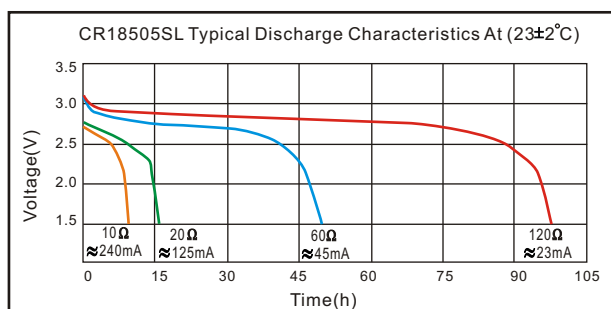
Note:

- *1 At 1.0mA 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

- Best suit for high current discharge for both continuous and pulse current.
- Light Weight, High Voltage and High Energy Density.
- Excellent Stable Discharge Characteristics and Outstanding Temperature Characteristics.
- Excellent Leakage Resistance and Excellent Long-term Reliability.

3 ELECTRICAL CHARACTERISTICS



Spiral 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.