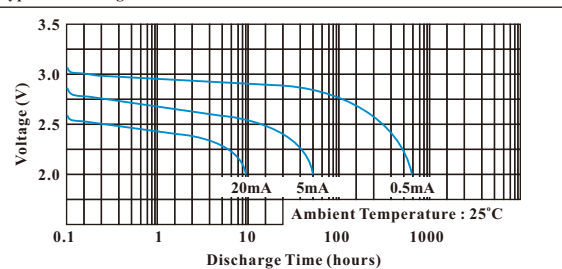


# ULTRA THIN LITHIUM BATTERY

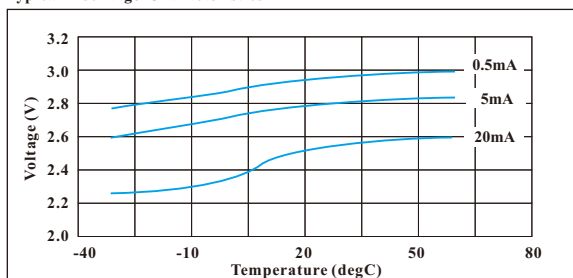
## SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| Model                       | : CP301536  |
| Description                 | : Lithium Manganese Dioxide Battery (LiMnO <sub>2</sub> )   |
| System                      | : Lithium Polymer   |
| Nominal Capacity            | : 300mAh at 0.5mA continuous discharge till 2.0V at 25degC  |
| Nominal Voltage             | : 3.0 V   |
| Cut-Off Voltage             | : 2.0 V   |
| Discharge                   | : Continuous : Max. 40mA at 25degC<br>Pulse : Max. 80mA at 25degC - conditions apply  |
| Weight                      | : 3 g   |
| Dimension                   | : Max. 3.2 x 16 x 37 mm   |
| Operating Temperature Range | : -30degC to +60degC  |
| Storage Temperature Range   | : 0degC to +30degC  |
| IQC Recommendations         | : Other IQC standard must be mutually agreed.<br>IQC Date : within 30 days after shipment of battery<br>Open Circuit Voltage : voltmeter (Sampling S-4 AQL 0.65)<br>Capacity : 0.5mA continuous discharge at 20±5°C   |
| Capacity Retention          | : >90% after 12months storage at temp. 25degC   |
| Warning                     | : Do not short circuit. Do not recharge. Do not over discharge. Do not disassemble. Do not put on fire. Do not inverse polarity. Do not mix new and old battery. Do not mix with different battery<br>Improper use may cause explosion, burning, or leaking. types. |

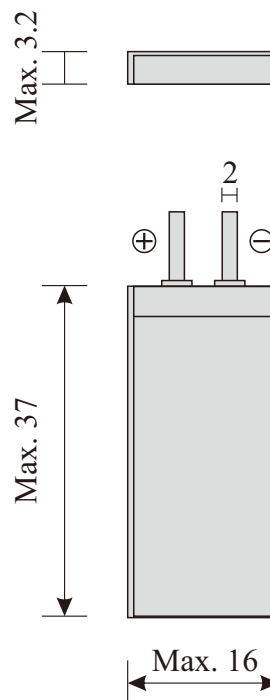
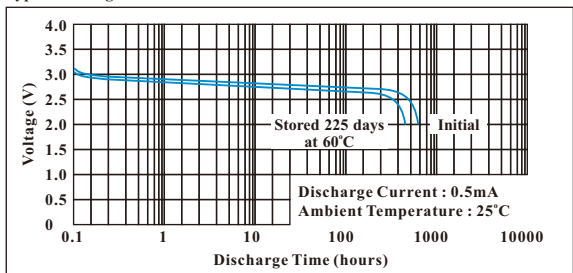
Typical Discharge Characteristics



Typical Discharge Characteristics



Typical Storage Characteristics



Jacket : Aluminum Foil  
Dimensions in mm

Information is for reference only and is not construed as warranties either expressed or implied, of future performance. Performance varies with time, discharge and storage condition.. 1 year limited guarantee against manufacturing defects. Other problem caused by misuse, mishandling of cell, or malfunction of equipment, is not under the warranty.

Model : CP301536  
Version : 1.1

**WELL LINK**  
INDUSTRIAL LIMITED

**E128RH46**

# LITHIUM MANGANESE DIOXIDE BATTERY

## PROPER USE AND HANDLING

This page is not intended to provide all the information that you will need to know to safely use the battery. Customer should employ appropriate cautions in order to obtain optimum performance and safety.

- |                     |   |
|---------------------|---|
| Handling and Safety | : Do not mix new and used batteries<br>Do not mix batteries of different sizes, brands and types.<br>Do not recharge the batteries<br>Do not reverse the polarity<br>Do not over-discharge the battery<br>Do not heat, incinerate or solder on the battery<br>Do not puncture, crush or dismantle the battery<br>Do not expose content to water<br>Keep battery away from children<br>Do not short circuit the battery. Control measures should be implemented throughout the workplace.<br>Batteries should be stored in original packaging or by similar means before installation or after removal.<br>Batteries should be handled by trained workers.<br>Avoid dropping of the battery. Dropped battery should be treated as a potential hot cell and must be segregated from the batch.<br>All inspection tools should be non-conductive.<br>Batteries should be inspected for physical damage. After checked, they should be returned to their storage packaging. |
| Storage             | : Store batteries in a cool, dry and well-ventilated area. Storage temperature should be within the specified range in the specification<br>Keep away from moisture, heat sources and open flames.<br>Keep batteries in original packaging.<br>Do not apply pressure that may deform the battery.<br>Appropriate fire extinguishing means and personal protective equipment should be available.  |
| Installation        | : Install only new batteries with the same size, type and date code.<br>Make sure the polarities is correct in installation.<br>Make sure the batteries is in physically good conditions  |
| Disposal            | : Dispose the batteries in accordance with local regulations<br>Secure terminals to prevent short-circuiting<br>Cut open the circuit for parallel connections<br>Package each battery in a manner that prevents shorting with the container or with other batteries<br>Package leaking batteries in a manner that contains the leak and use appropriate handling equipments such as gloves, safety glasses, respirator, sealable plastic bags.  |

*Information is for reference only and is not intended to make or imply any guarantee or warranty. Information is based on new battery. Battery performance varies with time, discharge and storage condition. Battery has 1 year limited guarantee against manufacturing defects. Other problem caused by misuse, mishandling of cell, or malfunction of equipment, is not under the warranty.*