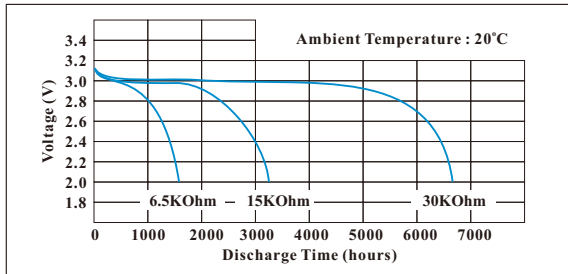


# LITHIUM BATTERY

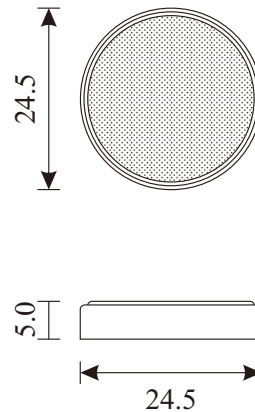
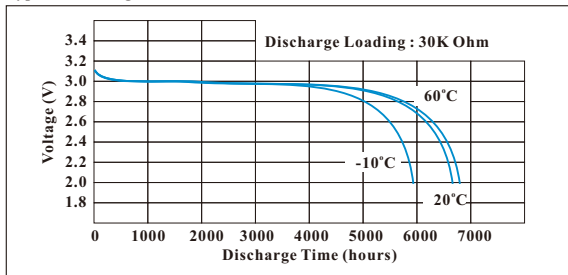
## SPECIFICATIONS

Model	:	CR2450
Description	:	Lithium Coin Cell (LiMnO <sub>2</sub> ), Mercury Free
Nominal Capacity	:	600mAh at 30K Ohm continuous discharge
Nominal Voltage	:	3.0 V
Cut-Off Voltage	:	2.0 V
Approx. Weight	:	6.7 g
Expected Shelf Life	:	3 years ex-factory
Operating Temperature	:	-20 degC to 60 degC
Recommended Drain	:	Pulse - 15mA Standard - 0.5mA Low - 0.004mA
Service Life	:	3350 hrs at 15K Ohm continuous discharge 6700 hrs at 30K Ohm continuous discharge
Application	:	Memory Backup, Electronic Watches, Calculators, Cameras, Electronic Translators, Low Power Cordless Application

Typical Discharge Characteristics

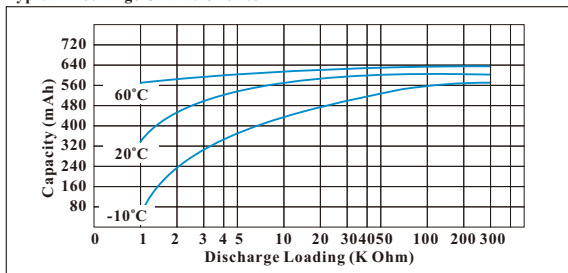


Typical Discharge Characteristics

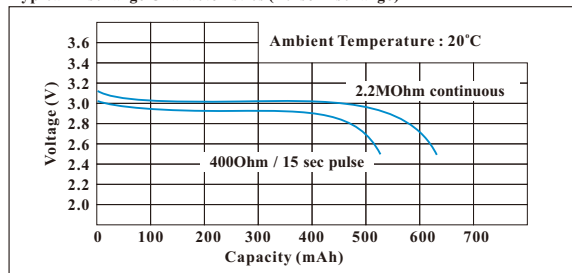


Dimensions: in mm  
Tolerance : +/-0.5mm

Typical Discharge Characteristics



Typical Discharge Characteristics (Pulse Discharge)



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 : CR2450  
Version : 2.61

**WELL LINK**  
INDUSTRIAL LIMITED

**EFB01**

# LITHIUM 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.*