



**XELLEX BATTERY (HK) LIMITED**

**XELLEX BATTERY & POWER SUPPLY TECH. CO., LTD.**

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# CR18505

## TECHNICAL SPECIFICATIONS

DRAFTED BY: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

CLIENT ADMITTED  
SIGN :

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**The Technical Specifications hereinafter is only applicable to the Lithium Manganese Dioxide CR18505 type battery, which was provided by Xellex Battery Co., Ltd. All the practical technical data, which were used to describe Battery Performance involved in the Specifications are obtained from the relevant experiments to the products of Xellex. Rights reserved to take relevant rectifications or modifications to the structure and performance of the products without prior notice.**

## 1.Scope

The Specifications is solely applicable to the “Xellex” Lithium Manganese Dioxide Battery---CR18505.

## 2. Dimensions

Height: 50.5mm Max.

Diameter: 18.5mm Max.

## 3. Average Weight: Around 35g

## 4. Main Characteristics

**4.1.Nominal Capacity:** 2400mAh

**4.2.Nominal Voltage:** 3.0V

**4.3.Maximum Continuous Operation Current:** 2000mA

**4.4. Maximum Pulse Current Capability:** 3000mA

**4.5.Operating Temp. Range:** -40 ~ 70

**5.Marking :** The following markings will be printed, stamped or impressed on the body of the battery :

( 1 ) Designation : CR18505

( 2 ) Manufacturer's name, abbreviation or brand : XELLELEX

( 3 ) Nominal Voltage : 3.0V

( 4 ) Polarity : “ + ” , “ - ”

## 6.Cautions For Use

( 1 ) Avoiding any short-connecting to the battery.

( 2 ) Charging, disposing of in fire or treating improperly is prohibited

( 3 ) Soldering shall be finished within 5 Secs at 200 ~250

( 4 ) The battery must be taken out and disposed of in the ground or in the water once the voltage reached to CDV.

## 9.Electrical Performance Curves:

( 1 ) Characteristics Loaded at Room Temp. ( Figure 1 )

( 2 ) Temperature Characteristics ( Figure 2 )

( 3 ) Capacity, Current VS. Temperature ( Figure 3 )

## 10.Battery Dimensions ( Figure 4 )

Figure 1:

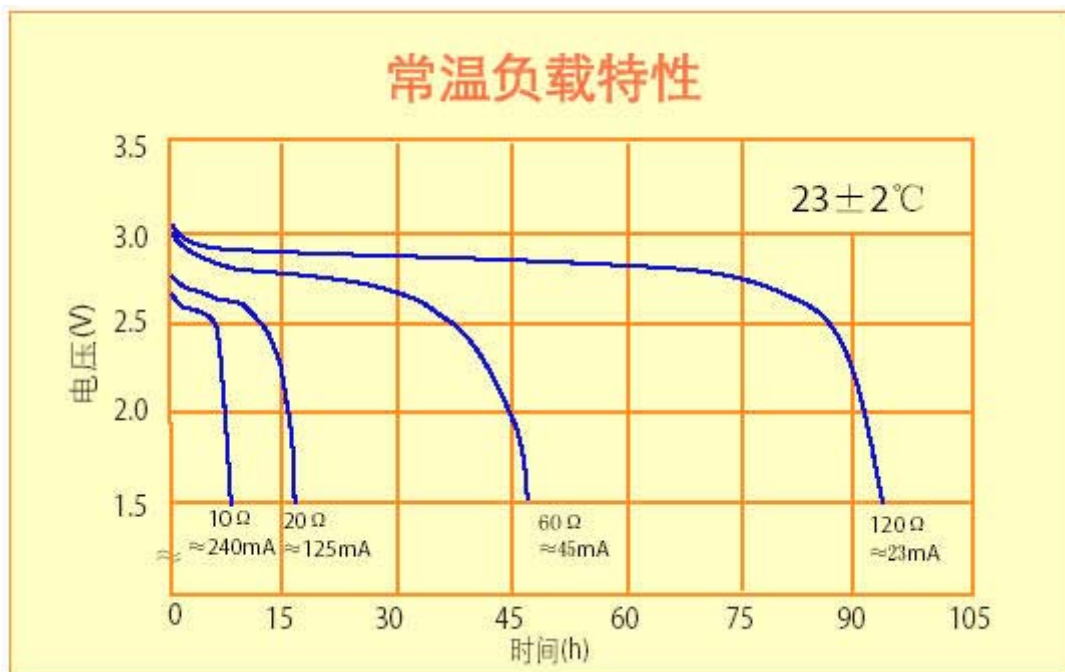
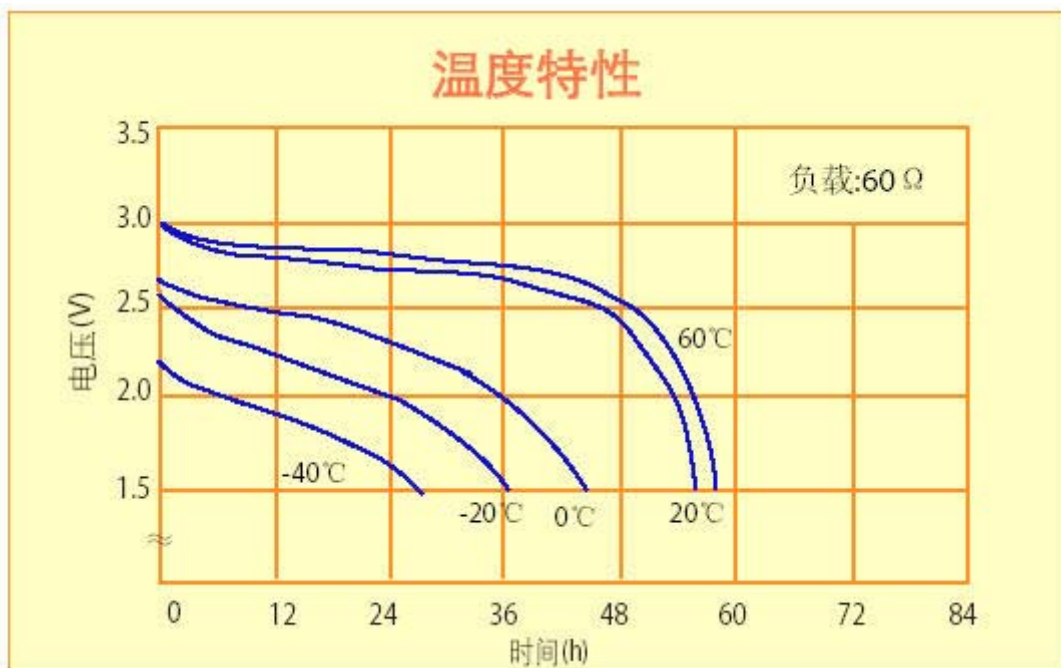
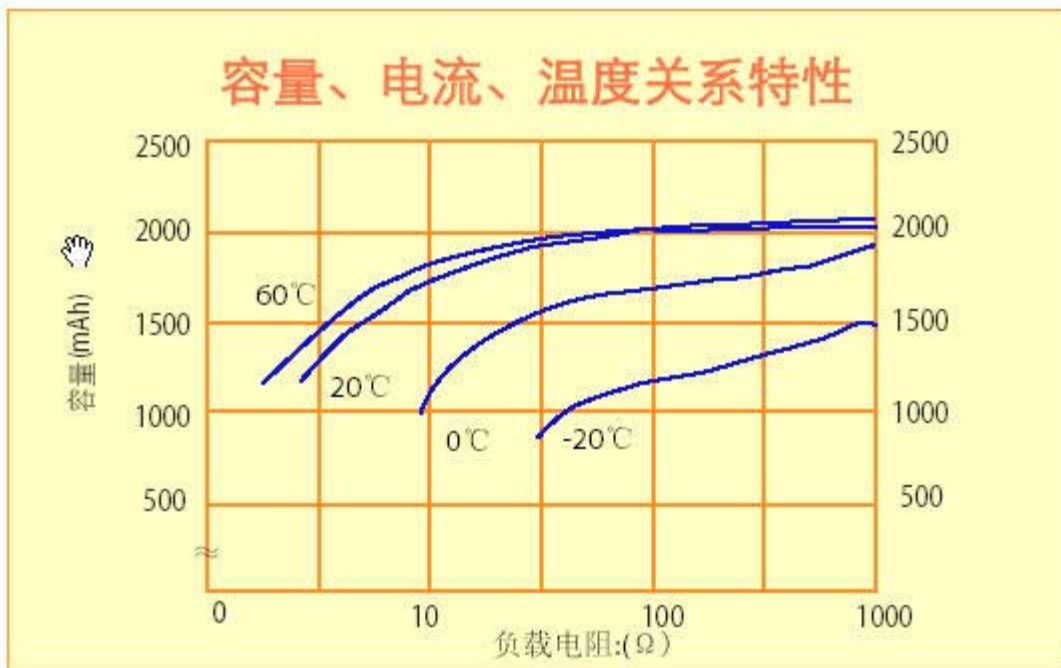


Figure 2:



**Figure 3:**



**Figure 4:**

Standard Dimensions (mm)

