

### ADVATAGES:

- Stable high operating voltage and high capacitance
- High energy density, high stable current
- Wide operating temperature rages (-30°C ~+150°C)
- Low self-discharge rate  
(annual self-discharge rate is less than 3% at +25°C)
- Excellent environmental application characteristics
- Stainless steel case  
(low magnetic resistance to environmental erosion)
- High temperature adhesive printing

### FEATURES:

- A positive structure with proprietary technology
- Stainless steel - glass airtight package
- Non-combustible electrolyte
- High short circuit safety
- Comply with GB 8897.4-2008 technical requirements
- Meet technical requirements of IEC60086.4:2014

BRAND	PRODUCT MODEL	BATTERY SIZE	MAXIMUM TEMPERATURE	OCV	CAPACITY	DIMENSION	DIMENSION	STORAGE (MAX.)
OMEGA	OM-CP-HITEMP140-M12	1/2AA	140°C	3.6V	-----	2.15" x 0.97"	54.5 x 24.6 mm	-----
GMB	ER14250S	1/2 AA	150°C	3.6V	0.6AH	0.57"×1.98"	14.5 × 25.5 MM	+30 °C
	ER14505S	AA	150°C	3.6V	1.6AH	0.57" ×1"	14.5 × 50.5 MM	+30 °C
	ER18505S	1/2AA	150°C	3.6V	3.2AH	0.73" X1.98"	18.7 × 50.5 MM	+30 °C

WARNING: DO NOT CHARGE, SHORT CIRCUIT, HEAT MORE THAN 150°C, DECOMPOSE, PUT INTO WATER, DIRECTLY IN THE BATTERY SHELL SURFACE WELDING, OTHERWISE MAY CAUSE EXPLOSION, COMBUSTION AND INTERNAL ACID LEAKAGE OF THE BATTERY.

## ABOUT ELECTRODE INSERT

ELECTRODE INSERT



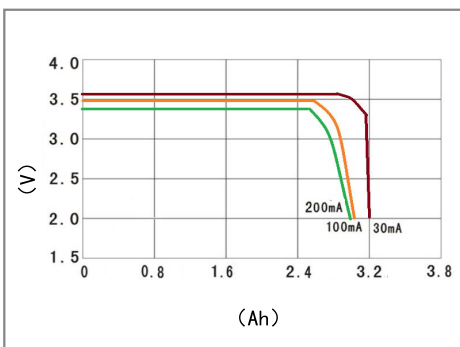
### CUSTOMIZABLE STYLE PLUG-IN

+ -	+ -	+ -	+ -
- / T	- / 2PT	- / 3PT	- / 3TP
+ -	+ -	+ -	+ -
- / 3PF	- / 3FP	- / 3PT	- / 4PT

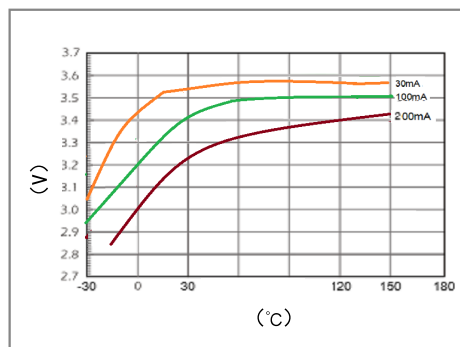
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## ER18505S TESTING

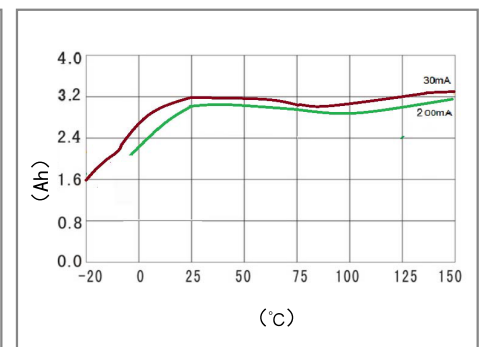
### 1. VOLTAGE VS CAPACITY AT +135°C (INTERMEDIATE VALUE)



### 2. CURRENT VS TEMPERATURE



### 3. CAPACITY VS TEMPERATURE (CUT OFF AT 2.0V)

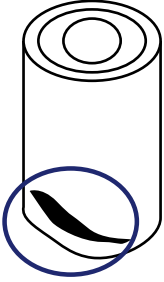
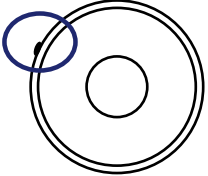
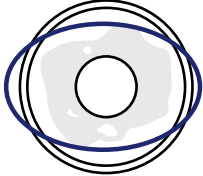
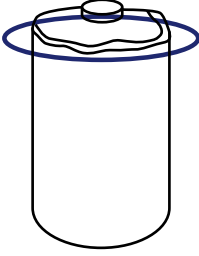
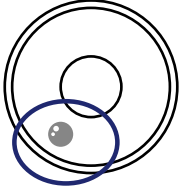
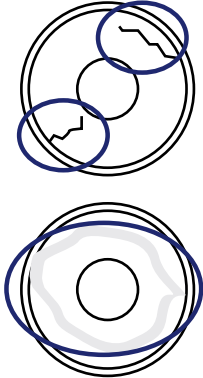
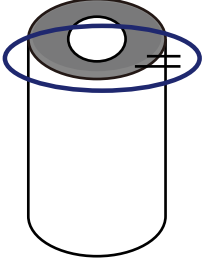
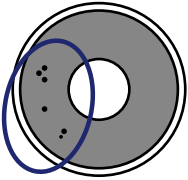
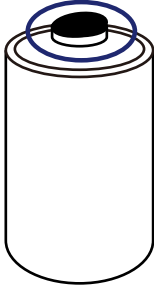
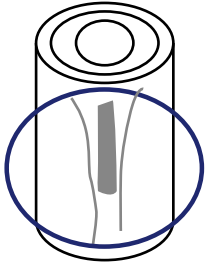


## WARNING:

- Do not short out the battery
- Do not charge the battery
- Don't pin the batter
- Do not squeeze the battery
- Pay attention to the battery anode and cathode
- Electrical equipment connection is Correct
- Do not disassemble the battery
- Do not burn batteries
- Do not mix old and new batteries
- Do not heat the battery to more than 150°C
- Do not directly weld the battery
- Please use a battery with pre-welded Pins or wires.

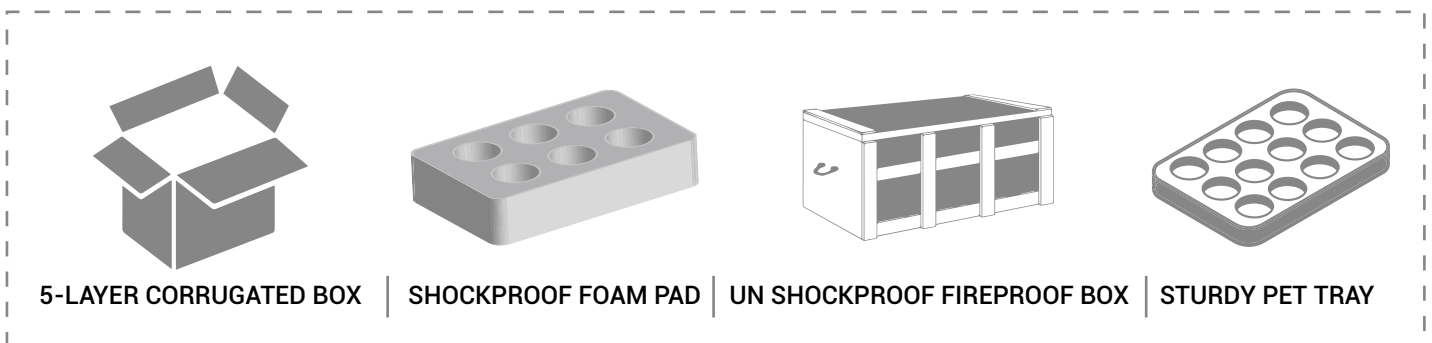
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## ABOUT ACCEPTANCE CRITERIA:

<p>1</p> 	<p>2</p> 	<p>3</p> 	<p>4</p> 	<p>5</p> 
<p>THE BATTERY SHELL IS NOT DEFORMED</p>	<p>THE BATTERY EDGE IS NOT RAISED</p>	<p>UNIFORM SEALING COATING</p>	<p>THE BATTERY EDGE IS SMOOTH AND NEAT</p>	<p>THE SEALING COATING HAS NO BUBBLES OR BULGES</p>
<p>6</p> 	<p>7</p> 	<p>8</p> 	<p>9</p> 	<p>10</p> 
<p>THE SEALING COATING IS FREE OF CRACKS AND HOLIDAYS, AND THE UNDERLYING METAL WILL NOT BE EXPOSED</p>	<p>THE SEALING COATING WILL NOT BE TOO THICK</p>	<p>THE SEALING COATING SHALL BE FREE OF POLLUTANTS AND RUST</p>	<p>THERE IS NO OBVIOUS SCRATCH OR CONTAMINATION ON THE SHELL AND COATING</p>	<p>THE POSITIVE T-HEAD WILL NOT BE DISTORTED</p>

## ABOUT PACKAGING:

A VARIETY OF PACKAGING METHODS ARE PROVIDED, WHICH CAN BE SELECTED ACCORDING TO THE PRODUCT.



## GET FREE SAMPLES (SINGER):

### STEP 1



SUBMIT YOUR SAMPLE  
PURCHASE ORDER TO US.

### STEP 2



WHEN YOU SUBMIT THE BULK ORDER,  
WE WILL DEDUCT THE SAMPLE  
ORDER FEE FROM THE BULK ORDER.

## ABOUT CERTIFICATIONS:

SOME OF OUR AGENTS HAVE CUSTOMIZED POPULAR PRODUCTS AND PASSED RELEVANT CERTIFICATION TESTS.



UN38.3



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## ABOUT TRANSPORTATION:

A VARIETY OF PACKAGING METHODS ARE PROVIDED, WHICH CAN BE SELECTED ACCORDING TO THE PRODUCT.  
10-15 DAYS (REGULAR TRANSPORTATION MODE)



LAND TRANSPORTATION



AIR TRANSPORT



OCEAN SHIPPING