



# IFR32700-6000

Rechargeable Battery 3.2V



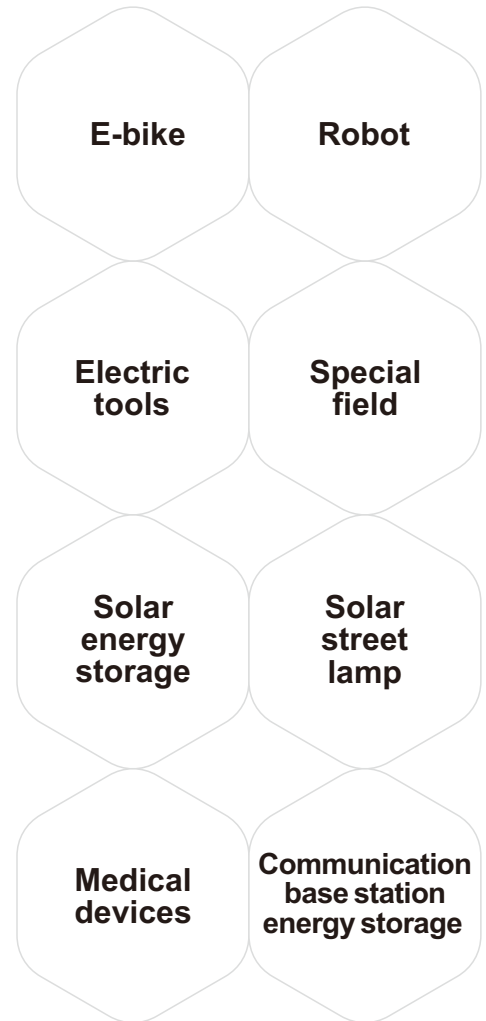
## • Eletrical Specification

|                                                                                         |                   |
|-----------------------------------------------------------------------------------------|-------------------|
| <b>Nominal Voltage</b>                                                                  | <b>3.2V</b>       |
| <b>Nominal Capacity</b><br><i>Standard charge, at 25±2°C, discharge to 2.0V at 0.2C</i> | <b>6000mAh</b>    |
| <b>AC impedance</b> [AC Frequency 1kHz]                                                 | <b>8≥x≤10mΩ</b>   |
| <b>Max. charge Voltage</b>                                                              | <b>3.65±0.03V</b> |
| <b>Cut-off discharge Voltage</b>                                                        | <b>2.0V</b>       |
| <b>Standard charge current</b> [0~+45°C]                                                | <b>0.2C</b>       |
| <b>Standard discharge current</b> [-10~+60°C]                                           | <b>0.2C</b>       |
| <b>Rapid charge current</b> [0~+45°C]                                                   | <b>0.5C</b>       |
| <b>Rapid discharge current</b> [-10~+60°C]                                              | <b>0.5C</b>       |
| <b>Max. discharge current</b><br><i>[Cut-off discharge Voltage 2.0V]</i>                | <b>3C</b>         |
| <b>Max. Pulse Discharging Current</b> [ms]                                              | <b>5C</b>         |
| <b>Weight</b>                                                                           | <b>141±2g</b>     |

## • Advantages

- Light weight, small size, high energy density
- Charge and discharge rapidly
- Small self-discharge, excellent reliability and environmental friendly
- Long cycle life, up to 2000 cycles

## • Main Applications



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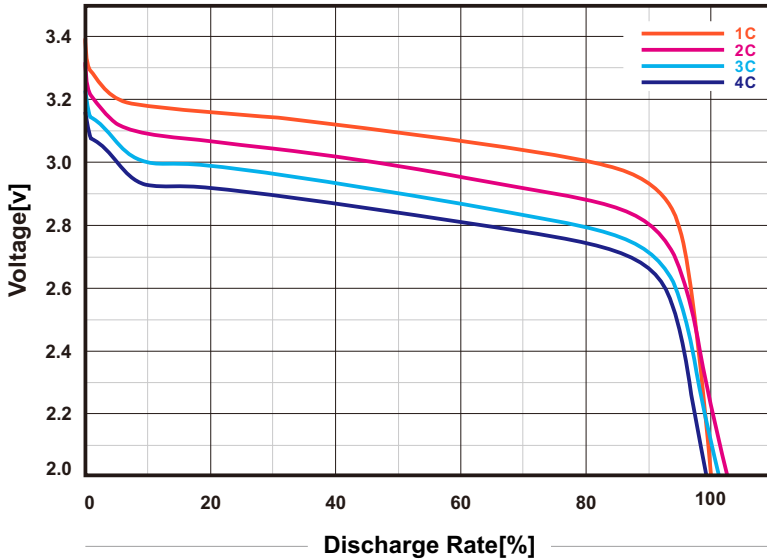


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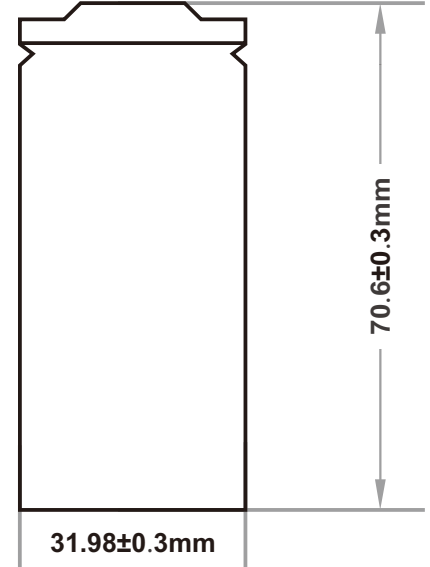
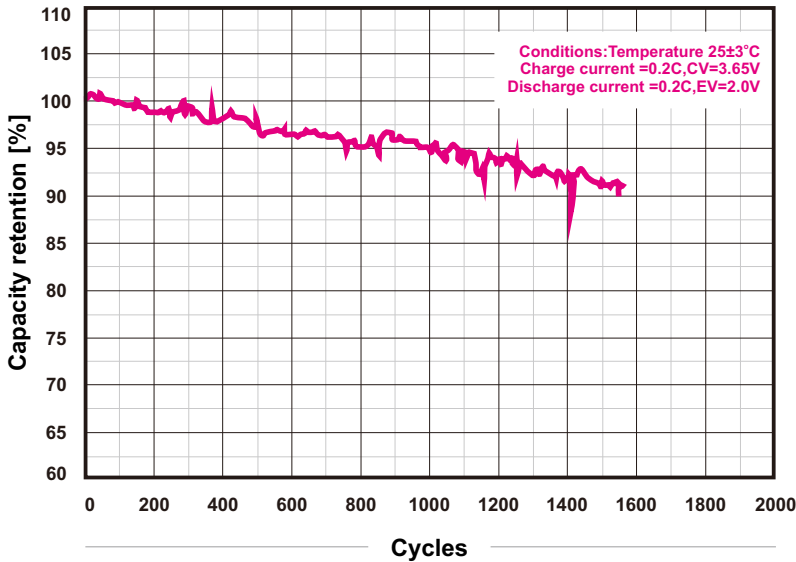
Rechargeable Battery 3.2V



## Discharge Characteristics[25±2°C]



## Cycle Characteristics[25±2°C]



### • Warnings

- Do not over-discharge, squeeze and burn the battery
- Do not short-circuit the battery
- Do not disassemble the battery
- Do not heat or use the battery beyond the permitted temperature
- Do not weld directly on the surface of the battery
- Do not new and old batteries together
- Do not use batteries with severe scars or deformation

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