

Lithium Button Cell Li-MnO₂

Primary characteristics

Parameter	Value	Unit
Nominal voltage	3.0	V
Rated capacity	210	mAh

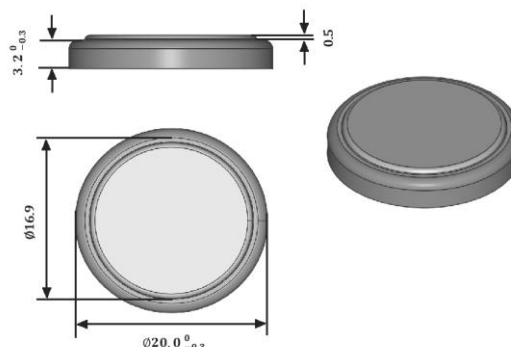
Scope

The purpose of this product specification is to provide technical information for the Lithium-Manganese Dioxide cell CR2032 HP3B.

The test shall be conducted in strict accordance with the method specified in this specification.

If you have any objection to the test items or test methods, please contact Akyga Battery.

Battery dimensions



Specification table

Parameter	Value	Unit
Battery model	CR2032 HP3B	
Nominal voltage	3.0	V
Nominal capacity*	210	mAh
Operating temperature	-20/+60	°C
Storage temperature	0/+35	°C
Average weight**	3	g

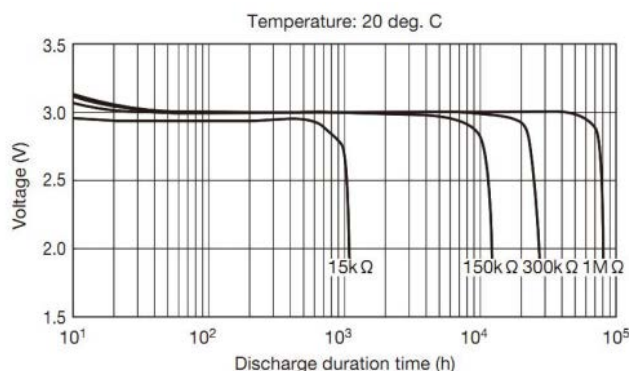
Notes:

Nominal capacity test conditions: 15kR resistive load, end voltage: 2.0V, operating temperature 25°C±1°C, humidity 65±20%

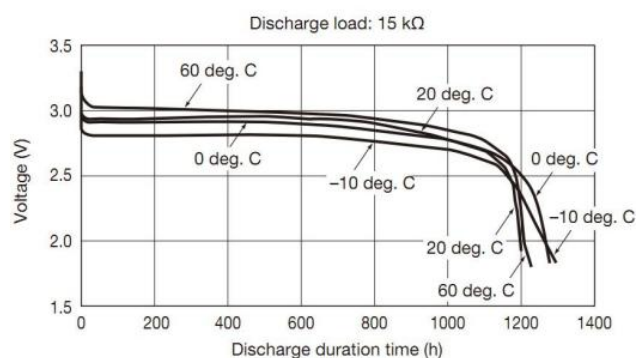
*For other capacity or working currents please contact Akyga Battery: sales@akygabattery.com

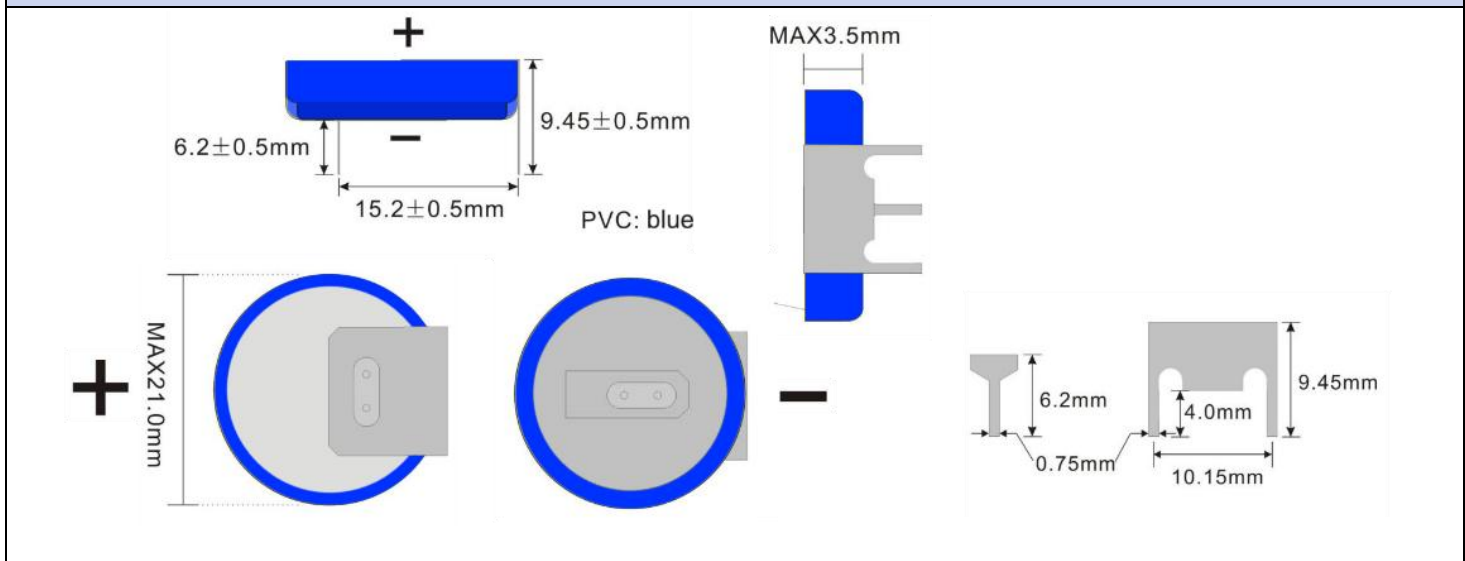
**Without tags

Discharge characteristic



Temperature characteristic



Battery drawing


Warning

- Do not place the battery in a heater, washer or high-pressure container.
- Do not use the battery together with a different kind of battery.
- Stop using the battery when it emits heat, light or shows other abnormalities during usage or storing.
- Keep away from the battery if it leaks or emits abnormal smell
- In the event of electrolyte contact with the skin, remove clothes and wash yourself immediately
- In the event of electrolyte contact with eyes, wash eyes and seek medical attention immediately
- If two or more batteries are to be connected in a series and/or placed in a parallel, protective circuit must be connected with the batteries, to avoid force-discharging or recharging.

Storage

- The batteries have a shelf life of 10 years if stored correctly.
- The batteries should be stored at 10°C to 25°C (never exceeding 35°C), 45% to 65% RH.
- The batteries should not be stored next to heat sources or in direct sunlight. The storage area should be clean, cool, dry, ventilated and weatherproof.
- The height to which batteries may be stacked is clearly dependent on the strength of the packing. As a general rule, this height should not exceed 1.5m for cardboard packages nor 3m for wooden cases.
- Store and display batteries in their original packaging. The batteries may sustain damage or short-circuit if packed and stacked carelessly.

Declaration

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