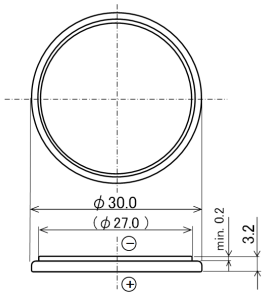
Panasonic ENERGY

BR3032

BR Coin-type Lithium Battery



* ( ) is for reference purpose only
This drawing is a schematic diagram showing the dimensions.
The dimensional ratio is different from the actual battery.

Specifications

Nominal voltage		3V
Nominal capacity		500mAh
Continuous drain		0.03mA
Dimensions[*1]	**Diameter(Max.)**	30.0mm
	Height(Max.)	3.2mm
Weight[*1]		Approx. 5.7g
Operating temperature[*2]		-40°C to +85°C

[*1] Without tabs.
[*2] Cumulative exposure time between 80°C and 85°C should be less than 720 hours.
It has been confirmed that the initial battery meets the following conditions:
(i) it operated with a 300kΩ discharge load at -40°C, and
(ii) It can discharge for more than 240 hours with a cutoff voltage of 2.0V.

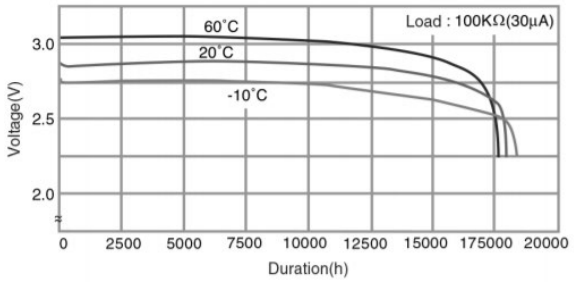
Features & Benefits

- BR series batteries developed with exclusive Panasonic technology
- Exhibits stable performance after long periods in storage due to low self-discharge characteristics
- Primarily used for memory-backup power in low-drain applications

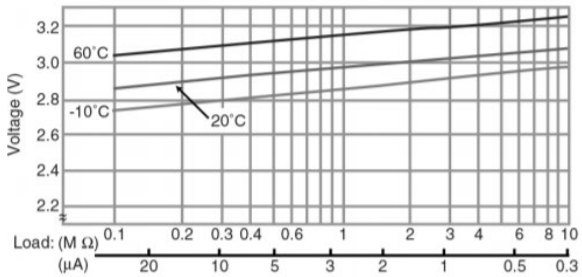
Applications

Commercial equipment(communication/measurement devices), electricity meters, memory backup(security cameras, security sensors), automotive electronic components(ETC), etc.

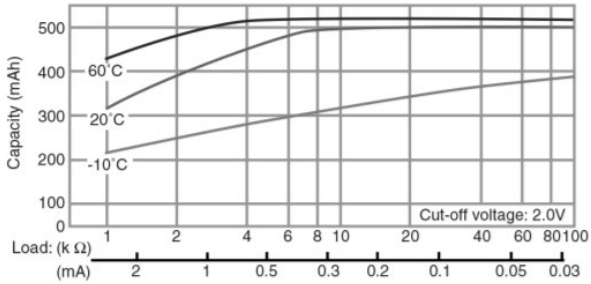
Discharge temperature characteristics



Operating voltage vs. load resistance (voltage at 50% discharge depth)



Capacity vs. load resistance



Panasonic Energy Co., Ltd.

As of February, 2026. Panasonic offers batteries with tabs or lead wires. This data in this document is for descriptive purposes only and is not intended to make or imply any guarantee or warranty. The contents of this product information are subject to change without notice.