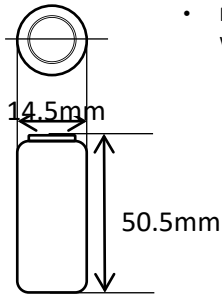


# CR-AAK

## CR Cylindrical-type Lithium Battery (Long life type)



- Panasonic offers batteries with tabs or lead wires.

## Specifications

Nominal voltage		3V
Nominal capacity		1,650mAh
Continuous drain		100mA
Maximum pulse discharge current		3A
Dimensions* <sup>1</sup>	Diameter(Max.)	14.5mm
	Height(Max.)	50.5mm
Weight* <sup>1</sup>		Approx. 18.0g
Operating temperature		-40°C to +85°C* <sup>2</sup>

\*<sup>1</sup> Without tabs.

\*<sup>2</sup> Please consult Panasonic when anticipating usage in operating temperature 70°C or above.

## Features & Benefits

- Long-term reliability is suitable for outdoor devices which are difficult to maintain such as to change batteries.
- Superior high-temperature characteristics (up to 85°C) allows automotive electrical components and outdoor devices to be used under severe conditions.
- Superior high-rate discharging characteristics are suitable for various IoT devices with wireless communication functions.

## Applications

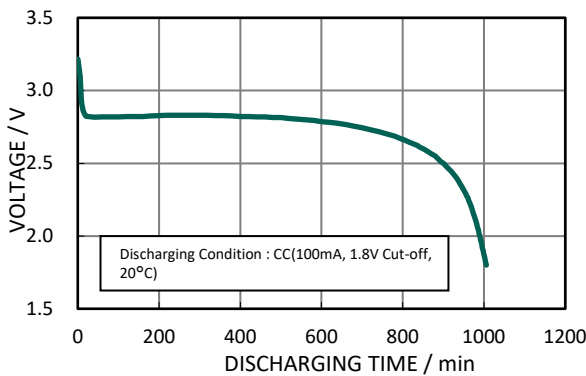
Automotive electrical components, home security and others.

## Terminal types

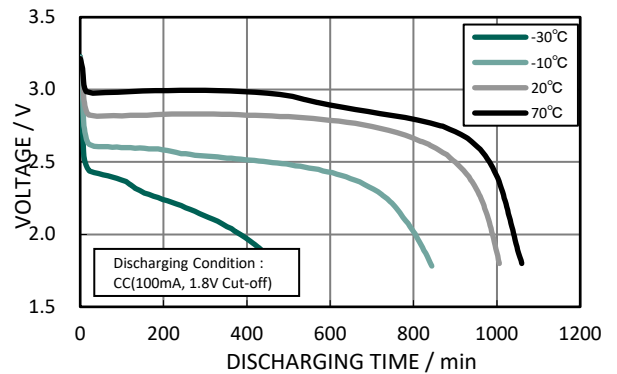
Please see the documents for the terminal and lead wire settings.

- [Line up of tab terminal types\(by shape\)](#)
- [Line up of tab terminal types\(by product number\)](#)

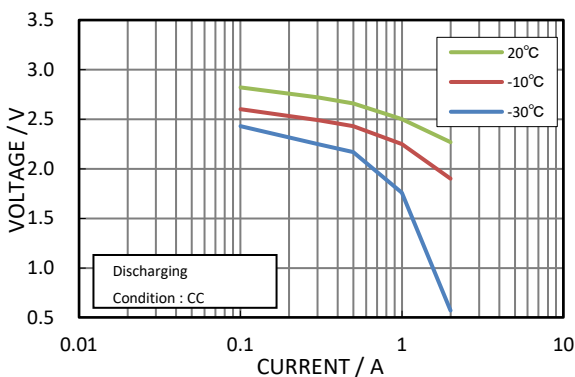
### Discharging Characteristics



### Discharging Characteristics by Temperature



### Continuous Discharging Characteristics



Panasonic Energy Co., Ltd.

<https://industry.panasonic.eu/products/energy-building/batteries/battery-cells/primary-batteries/lithium-batteries>

As of April, 2022. 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.

