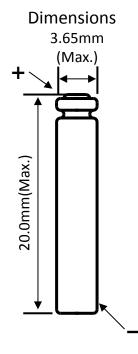
Panasonic

CG-320A

Pin-type Li-ion Battery







- * Panasonic offers batteries with tabs or lead wires.
- For more information, please ask Panasonic sales person.

Features & Benefits

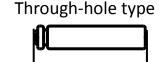
- A 3.6mm diameter pin-shaped Lithium-ion battery which expands design options for micro devices.
- A rechargeable battery that can be used repeatedly and has the output capability required for Near Field Communications.
- A high-strength metal exterior case provides excellent reliability.

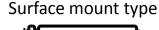
Specifications

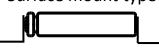
Part number		CG-320A
Maximum charge voltage		4.35V
Nominal Voltage		3.8V
Nominal Capacity*		15.0mAh
Dimensions	Diameter(Max.)	3.65mm
	Height(Max.)	20.0mm
Weight (without tabs)		Approx. 0.6g
Operating Temperature	Charge	0°C to +45°C
	Discharge	-10°C to +60°C
Maximum charge current		11.2mA(0.75C)

When the battery is discharged at 3.0mA(0.2C). Nominal capacity becomes 13mAh when charge voltage is 4.2V.

Terminal types













Wristband Device



As of April, 2016. The contents of this product information is subject to change without notice.

Please visit our website at:

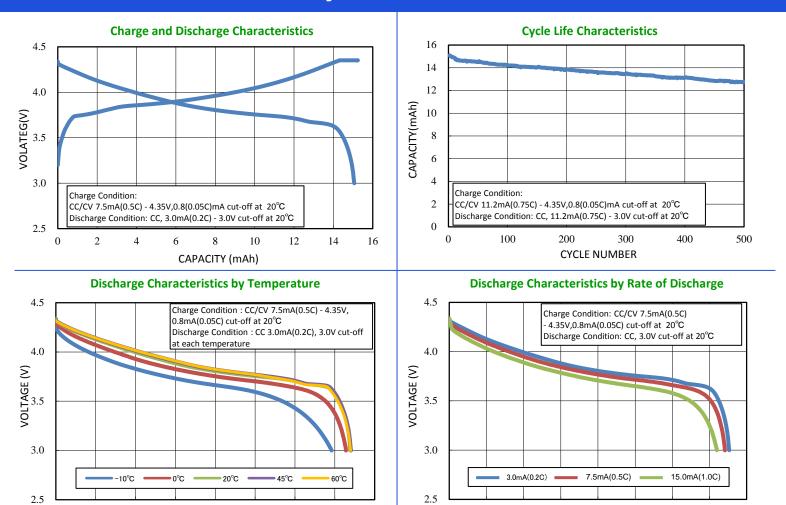
Panasonic Corporation, Automotive & Industrial Systems Company, **Energy Device Business Division**

http://industrial.panasonic.com/ww/products/batteries/secondary-batteries/pin-li-ion



^{**} Certified by UL1642 and IEC62133.

Battery Characteristics



This data in this document is for descriptive purposes only and is not intended to make or imply any guarantee or warranty.

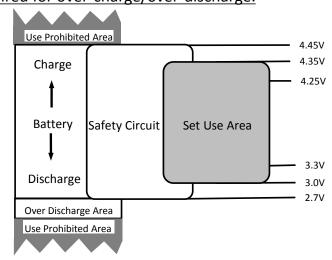
Handling Guidelines

Standard Voltage Range is 3.0 - 4.35V. Protection required for over-charge/over-discharge.

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Standard Voltage Range	3.0~4.35V
Do not over-charge	Stop charging at 4.45±0.05V
	Allow charging again at less than 4.25±0.05V
Do not over-discharge	Stop discharge at 2.7±0.1V
	Allow discharging again at more than 3.3±0.1V
Over Current Protection	Stop discharge in the case of an output connection short circuit.

CAPACITY (mAh)



CAPACITY (mAh)

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Other

- -Please inquire about our recommended IC and settings if technical support is required.
- -In order to prevent accidental ingestion of the battery, it must be inaccessible to the individual user / customer and will be shipped with lead wires or tabs.

Please feel free to ask a Panasonic sales person.