

RapidFlash™

Lithium
Photocell
Batteries

*Turbo Charge
your Camera*



Panasonic®

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Lithium Photocell Batteries

Suddenly, your camera becomes 50% more powerful

Camera technology and Panasonic technology unite to initiate a new plateau in the art and science of photography. Its no wonder that six out of ten cameras are shipped from the manufacturer with our Lithium batteries.

New Panasonic RapidFlash Lithium batteries take the waiting out of flash photography. As the electronic "heart" of the camera, they deliver the long-lasting, quick recovery performance consumers have been thirsting for. Constantly demanding, and receiving, sharper and faster lenses, and ease of operation, consumers have long lamented the fact that their camera couldn't keep up with their desire to have it operate indoors with the same speed that it did outdoors. When there's plenty of available light, they can shoot pictures with split-second rapidity. But, when it gets dark, they are often left waiting on their precision camera while its strobe recycles. Now, wait no more.



As an OEM itself, Panasonic, the world's largest battery manufacturer, knows how to meet demanding reliability and performance needs. But, as a consumer electronics manufacturer, we are also sensitive to the needs and desires of the consumer. Our new RapidFlash batteries are designed to eclipse past standards for both.

In your camera, RapidFlash brings you the following:

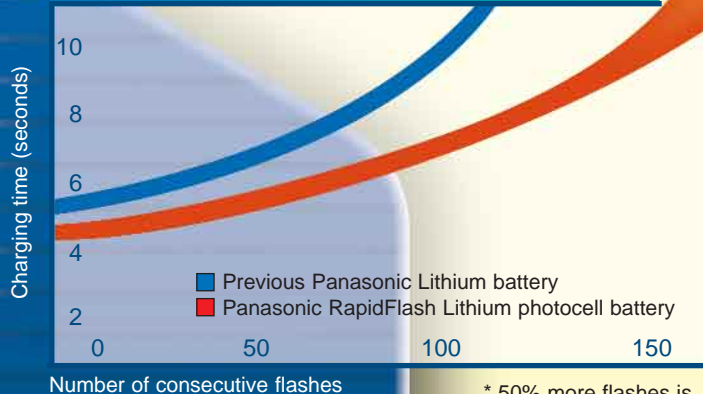
Longer service
More than twice as many fast flashes as our previous lithium photocells.

Deep power reserve
Improved performance when pictures are taken at rapid speed.

Instant recycling
The time between shots is always shorter, throughout the life of the battery.

Vast temperature performance range
RapidFlash provides consistent performance within extreme operating temperatures from -40°C up to 70°C.

50% More Quick Flashes



* 50% more flashes is the average increase. Actual number will vary based on type of camera and environmental conditions. (*Does not apply to the CR-2 Lithium battery)

Light weight

Not only are the CR2 and CR123A smaller, but the use of metal Lithium as the anode active material makes Lithium batteries lighter than dry batteries of the same volume.

Stable voltage profile

The single cell type CR2 and CR123A have a rated voltage of 3 V, approximately twice that of dry batteries. The pack type, is rated at 6 V, enabling high-speed charging for cameras and strobe flashes.

Strong leakage resistance

The organic electrolyte liquid used in our Lithium batteries has minimal creep. This feature, and our unique sealing technique, give our Lithium batteries superior leakage resistance.

10 year storage

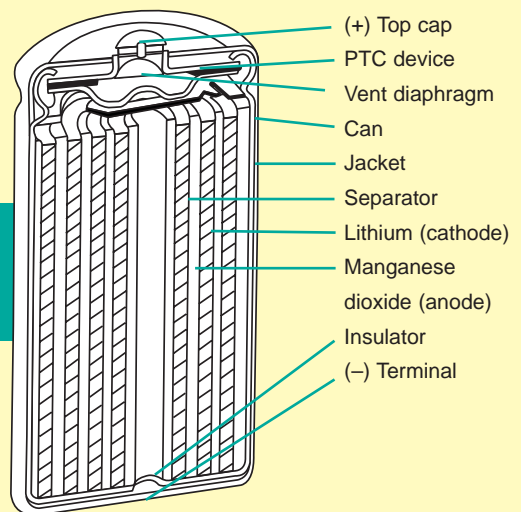
Our Lithium batteries show an annual deterioration rate as low as about 1.0 % at room temperature, meeting the requirement for a room temperature storage period of more than 10 years.

Designed for reliability

Both our single cell and pack type batteries have a built-in element (PTC element) for protecting batteries from external shorting. They are also provided with an explosion-proof seal structure which allows the safe release of unwanted pressure.

Spiral structure allows for more current

Our manganese dioxide Lithium batteries employ spiral-structured electrodes to enlarge the facing area of the positive and negative electrodes, allowing a current as large as several amperes.



RapidFlash High Energy Density Battery Specifications

CR2 3V

CR123A 3V

CR-P2 6V

2CR5 6V



IEC	CR2	CR17345	CR-P2	2CR5
*Nominal capacity (mAh)	750	1300	1300	1300
Maximum Dimensions mm (inch)	D 15.6 (0.61) H 27.0 (1.06)	D 17.0 (0.67) H 34.5 (1.36)	W 34.0 (1.34) H 45.0 (1.79)	W 35.0 (1.38) H 36.0 (1.42)
Approximate weight g (oz.)	11.0 (0.39)	17.0 (0.60)	38.0 (1.34)	37.0 (1.31)
Continuous drain Standard (mA)	20	20	20	20

Notes: Electrical characteristics at 20°C

Normal capacity shown above is based on standard drain and cut off voltage down to 2.0 V at 20°C CR2/CR123A

Normal capacity shown above is based on standard drain and cut off voltage down to 2.0 V at 20°C 2CR5/CR-P2



*Get the
picture with
Panasonic®
RapidFlash™
Lithium
Photocell
Batteries.*

Panasonic®

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