

# Defibrillator



## Primary Lithium Cylindrical Batteries

### Defibrillator

Defibrillators deliver an electric current or pulse to the patient's heart to restore the heartbeat after a cardiac arrest. During a cardiac arrest, the heart is not able to pump blood into the body. This application helps to recover and is used to stop abnormal heart rhythm by placing the pads on the chest. It reactivates the blood supply into the body.

### Battery challenge:

Medical applications depend on the energy source that offer them safety and reliability during their use. Due to operating over a wide temperature the battery is the perfect match for medical applications. This gives our customers confidence that VARTA cells offers the highest possible performance.

### Technical solution:

Primary Lithium Cylindrical Technology

For more information, please visit our website:

<https://www.varta-ag.com/en/industry/product-solutions/lithium>



Characteristics	Lithium INDUSTRIAL PRO CR 123 A
Capacity /Voltage	1450 mAh / 3V
Dimensions	34.5 mm height 16.8 mm diameter
Special Feature	Operating life > 10 years depending on environmental conditions and energy consumption
Temperature range	-20 °C up to 60 °C
Shelf life	> 10 years

### Primary Lithium Cylindrical Batteries

This battery solution offers an excellent shelf life, a wide operating temperature range and low self-discharge rates for your medical application. Based on the outstanding energy density and reliability these cells have been able to meet the requirements of our customers worldwide because of their optimum performance.

- Low self-discharge (less than 1 % per year at RT)
- Superior shelf life and operational life
- High capacity or high-rate cell construction
- Operation over a wide temperature range
- 0 % lead, 0 % mercury and 0 % cadmium
- UL recognized
- Various battery assemblies available