

PRODUCT DETAILS

Coast's CR123A rechargeable batteries incorporate COAST ZX Optimised Voltage™ technology, featuring proprietary voltage step-down circuitry to dynamically adjust the power supply, mimicking the discharge characteristics of traditional alkaline batteries.

Integrated safety circuitry ensures protection against overcharging and over-discharging. The leak-resistant battery casing reduces the risk of corrosion during extended usage while preserving device integrity.

The battery includes a USB-C charge port for efficient recharging and features LED status indicator for real-time feedback on the charging process.



Multi-charge cable supplied

PROTECTIONS

- **CORROSION PROTECTION:** Leak and corrosion resistant to protect valuable devices.
- **OPTIMISED VOLTAGE CIRCUITRY:** PATENT PENDING technology protects devices by producing optimised voltage, unlike any other rechargeable lithium battery.
- **OVERCHARGE PROTECTION:** Protects against overcharging by shutting down charging once a battery is at 100%.
- **OTHER SAFETY PROTECTIONS:** Protects against Overload, Leakage, Short Circuit, Over Voltage, High Temperature, and Overheating.



GENERAL BATTERY SPECIFICATION

CLASSIFICATION	Rechargeable Cylindrical Lithium-Polymer
DESIGNATION	3V Lithium R17345, 3V Lithium CR123A
VOLTAGE	3.0 volts (nominal)
CAPACITY	1100mAh (nominal)

WEIGHT	19.8 grams
OPERATING TEMP	-18 deg C to 55 deg C
ENERGY	2700mWh (nominal)
CYCLE LIFE	1000 cycles

BATTERY DETAILS

CHARGE IN PORT	USB-C
CHARGE CURRENT	Approx 500mA
CHARGE INDICATOR	RED: Charging Green: Fully Charged

CHARGE TIME	Approx 2.5 hrs
OVERCHARGE PROTECTION	4.275 +/- 0.075V
OVER-DISCHARGE PROTECTION	1.7 +/- 0.05V