ZX AA

COAST®
ZITHION-X

USB-C Built in



Features

Coast's AA rechargeable battery incorporates COAST ZX Optimized 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 indicators for real-time feedback on the charging process.

General Battery Specifications

Classification:	Rechargeable Cylindrical Lithium-Ion
Designation:	1.5V Lithium R6, 1.5V Lithium AA
Nominal Voltage:	1.5 volts
Nominal Capacity:	2400 mAh
Nominal Energy:	3000 mWh
Max Continous Discharge Rate:	3.0A
Max Pulse Discharge Current:	3.5A
Typical Weight:	21.0 gram (0.74 oz.)
Typical Volume:	8.0 cubic cm (0.49 cubic inch)
Operating Temp:	-18°C~55°C (0°F~130°F)
Jacket:	Plastic Label

Electrical Specifications

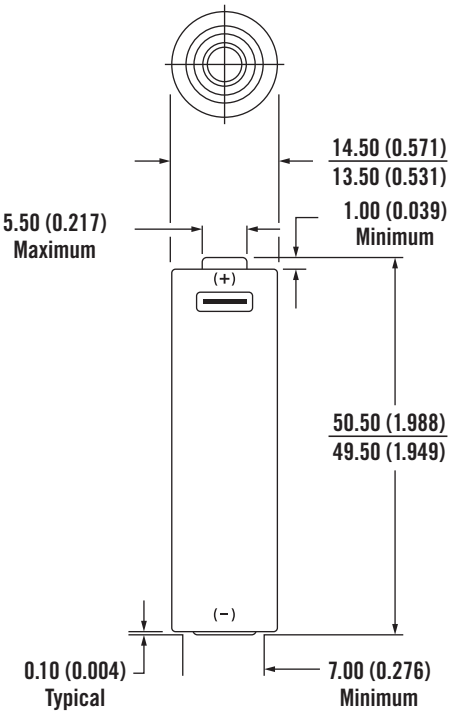
Charge-in Port:	USB-C
Charge Current:	Approx. 520mA
Charge Indicator:	Red: Charging; Green: Fully Charged
Charge Time:	Approx. 2.5 Hours
Overcharge Protection:	4.275±0.075V
Over-discharge Protection:	0.6±0.05V
Cycle Life:	1000 cycles
Max-discharge :	3.0 A

Approvals

CEC Compliant
CE (CE-EMC)
UN38.3

ANSI/IEC Standard Dimensions

mm (inches)



COAST®
8033 NE Holman | Portland, OR 97218 | 1.800.426.5858 | COASTportland.com

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General Battery Specifications

Classification:	Rechargeable Cylindrical Lithium-Ion
Designation:	1.5V Lithium R03, 1.5V Lithium AAA
Nominal Voltage:	1.5 volts
Nominal Capacity:	750 mAh
Nominal Energy:	940 mWh
Max Continous Discharge Rate:	2.5A
Max Pulse Discharge Current:	3.0A
Typical Weight:	8.5 gram (0.3 oz.)
Typical Volume:	3.5 cubic cm (0.21 cubic inch)
Operating Temp:	-18°C~55°C (0°F~130°F)
Jacket:	Plastic Label

Electrical Specifications

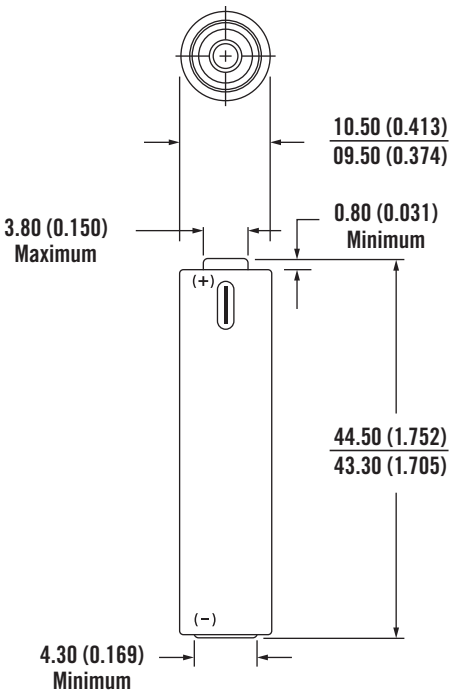
Charge-in Port:	USB-C
Charge Current:	Approx. 330mA
Charge Indicator:	Red: Charging; Green: Fully Charged
Charge Time:	Approx. 1.3 Hours
Overcharge Protection:	4.275±0.075V
Over-discharge Protection:	0.6±0.05V
Cycle Life:	500 cycles
Max-discharge :	2.8 A

Approvals

CEC Compliant
CE (CE-EMC)
UN38.3

ANSI/IEC Standard Dimensions

mm (inches)



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