



**RAYOVAC**

*Spring*  
**2021**



**POWERING AMERICA SINCE 1906**





In 1906, Alfred Landau was modestly manufacturing six inch battery cells in a Chicago attic. After a young man by the name of James B. Ramsay took interest in the battery business, it was incorporated as the “The French Battery Company” and moved to Madison, Wisconsin. In 1934, the company’s name changed to Rayovac. Throughout the years, Rayovac would become intertwined with American history. We were in the cockpit with Lindbergh when he crossed the Atlantic, alongside American soldiers when they stormed the beaches of Normandy, and in space when NASA saved a dying satellite. We continue to stay loyal to our humble beginnings by providing hardworking products at a fair price.

**We've spent over 115 years thinking about batteries so you can think about them less.**

Our RAYOVAC® Alkaline batteries are rigorously tested to ensure the quality and performance meet your expectations. Every single alkaline battery is designed to prevent leakage and tested twice prior to shipment. While technology has changed over the years, our commitment to producing batteries in America has not.<sup>1</sup>





**RAYOVAC® BATTERIES PROVIDE  
LONG LASTING  
POWER  
AT A FAIR PRICE**



# RAYOVAC®

## ULTRA PRO™



### QUALITY

Engineered for professional use and designed for optimal performance in industrial devices.



### MADE IN THE USA WITH U.S. & GLOBAL PARTS<sup>1</sup>

American made, American power. Powering America Since 1906.



### SERVICE & SUPPORT

Dedicated to meeting the needs of customers both large and small.



### POWER VARIETY

Diverse battery solutions keep devices and tools powered throughout the workday.







### SUPPLY CHAIN EXCELLENCE

Domestic production gets you the product you need on time.<sup>2</sup>



# USAGE GUIDE

	BEST USES	SIZE AVAILABLE	COMPOSITION	SHELF LIFE AA, AAA, C, D	SHELF LIFE 9V	RECHARGEABLE
 <p><b>ULTRA PRO™</b></p>	<b>For high use professional devices such as:</b> Flashlight Thermostat Smoke Detector Door Lock Volt Meter CO <sub>2</sub> Detector	AA, AAA, C, D, 9V	Alkaline	Up to 10 Years in Storage	Up to 5 Years in Storage	No
 <p><b>FUSION™</b></p>	<b>High drain devices such as:</b> Electronic Stapler Digital Camera Soap Dispenser Towel Dispenser Microphone Tape Measure Laser Level	AA, AAA, C, D, 9V	Alkaline	AA, AAA Up to 12 Years in Storage  C,D Up to 10 Years in Storage	Up to 5 Years in Storage	No
 <p><b>ZINC CARBON</b></p>	<b>For low drain devices such as:</b> Clock Radio Remote Control Air Freshener	AA, AAA, C, D, 9V	Zinc Carbon	Up to 3 Years in Storage	Up to 2 Years in Storage	No
 <p><b>RECHARGE</b></p>	<b>For high use devices such as:</b> Toys Flashlight Wireless Mouse	AA, AAA	NiMH	Up to 5 Year Battery Life <sup>1</sup>	N/A	Yes



<sup>1</sup>Total usable life under typical usage patterns.

# BATTERY EDUCATION



## TIPS & TRICKS



### REMOVE BATTERIES IN STORED DEVICES

Many devices do not turn off completely when not in use.



### USE MATCHING BATTERY TYPES

Mixing battery types (Alkaline, NiMH, Zinc Carbon) will limit performance and may cause damage to your device.



### STORE BATTERIES AT ROOM TEMPERATURE

Temperatures over 85°F and below 60°F can shorten battery life. Store batteries in a cool, dry place.



### SWITCH OFF BATTERY POWERED DEVICES

Devices can still use a small amount of power when sitting idle.



### DO NOT MIX OLD AND NEW BATTERIES

Mixing batteries will limit performance to the lowest capacity battery and may cause damage to your device.

# ULTRA PRO™

**PROVIDES LONG  
LASTING POWER  
FOR INDUSTRIAL AND  
COMMERCIAL DEVICES**



**RAYOVAC® ULTRA PRO™** alkaline batteries deliver long lasting power and savings, with packaging specifically designed for today's industrial customer.



### Energy Dense Core

Optimized anode composition for increased energy across many devices.<sup>2</sup>



### Concentrated Power Rings

Highly efficient cathode with limited inert materials to maximize active materials.<sup>2</sup>



### Balanced Design

Optimizes active material usage for efficient energy in a wide range of devices.

  
**MADE IN THE  
USA**  
with US and global parts<sup>2</sup>

**10  
YEAR  
POWER  
GUARANTEE**  
In Storage





## ULTRA PRO™ SHRINK-WRAPPED PACKS

Stock # / SKU	Description	Case Qty.
ALAA-8J	AA 8 ct Shrink Packs	12
ALAAA-8J	AAA 8 ct Shrink Packs	12
ALC-6J	C 6 ct Shrink Packs	12
ALD-6J	D 6 ct Shrink Packs	12
AL9V-6J	9V 6 ct Shrink Packs	12
AL9VA-6J	9V 6 ct Shrink Packs (Quad A Construction)	12



AA 8 CT SHRINK-WRAPPED PACK

## ULTRA PRO™ PRO PACKS

Stock # / SKU	Description	Case Qty.
ALAA-24PPJ	AA 24 ct Pro Pack	12
ALAA-48PPJ	AA 48 ct Pro Pack	8
ALAAA-18PPJ	AAA 18 ct Pro Pack	12
ALAAA-24PPJ	AAA 24 ct Pro Pack	12
ALC-12PPJ	C 12 ct Pro Pack	8
ALD-12PPJ	D 12 ct Pro Pack	8
AL9V-12PPJ	9V 12 ct Pro Pack	12



AA 24 CT CONTRACTOR PACK

## ULTRA PRO™ VENDING BOXES

Stock # / SKU	Description	Case Qty.
ALAA-4BXJ	AA 4 ct Vending Box	36
ALAAA-4BXJ	AAA 4 ct Vending Box	36

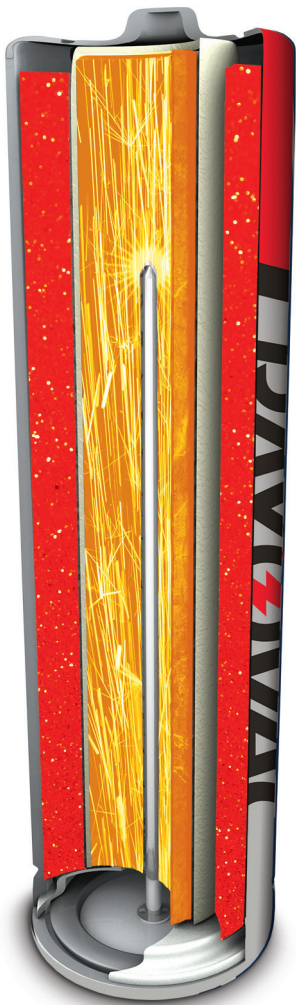


AA 4 CT VENDING BOX

# FUSION™

DURACELL OPTIMUM PERFORMANCE  
**BETTER PRICE**<sup>1</sup>

Our most powerful battery.



**RAYOVAC FUSION™** performance alkaline batteries are guaranteed to last longer in today's most power hungry devices.<sup>4</sup> With our latest improvements, these energy rich batteries are more reliable and powerful in more devices than ever before.<sup>5</sup>



### Micro-Separator

This patent pending, micro-pore separator provides more room for active ingredients and is synthetic for increased reliability.<sup>5</sup>



### Enriched Core

Improved graphite matrix provides increased conductivity, while expanded anode provides longer battery life.<sup>5</sup>



### Universal Power

Improved performance in popular low and medium rate devices without sacrificing high rate performance.<sup>5</sup>

  
**MADE IN THE  
USA**  
with US and global parts<sup>2</sup>

Based in the heartland of America, RAYOVAC® produces over **1 Billion** batteries in the USA every year.<sup>3</sup>

**12  
YEAR  
POWER  
GUARANTEE**  
In Storage



## RAYOVAC® FUSION™ TRADITIONAL PACKS

Stock # / SKU	Description	Case Qty
815-4TFUSK	AA 4 ct Carded Product with Tray	28
824-4TFUSK	AAA 4 ct Carded Product with Tray	20
815-6TFUSK	AA 6 ct Carded Product	48
824-6TFUSK	AAA 6 ct Carded Product	48



AA 4 CT TRADITIONAL PACK

## RAYOVAC® FUSION™ MULTI PACKS

Stock # / SKU	Description	Case Qty
815-8TFUSK	AA 8 ct Carded Product with Tray	24
824-8TFUSK	AAA 8 ct Carded Product with Tray	30
814-4TFUSK	C 4 ct Carded Product with Tray	12
813-4TFUSK	D 4 ct Carded Product with Tray	12
A1604-2TFUSK	9V 2 ct Carded Product with Tray	12



AA 8 CT MULTI PACK

## RAYOVAC® FUSION™ VALUE PACKS

Stock # / SKU	Description	Case Qty
815-16LTFUSK	AA 16 ct Carded Product with Tray	10
824-16LTFUSK	AAA 16 ct Carded Product with Tray	14



AA 16 CT VALUE PACK

## RAYOVAC® FUSION™ PRO PACKS

Stock # / SKU	Description	Case Qty
815-30PPFUSK	AA 30 ct Pro Pack	12
824-30PPFUSK	AAA 30 ct Pro Pack	12



AA 30 CT CONTRACTOR PACK

# ZINC CARBON

## AFFORDABLE POWER SOLUTION

Inexpensive power for low-drain devices



The zinc carbon formula inside **RAYOVAC® BATTERIES** works in low-drain devices like clocks, radios, and remote controls.



AA 8 CT SHRINK WRAP PACK

### SHRINK PACKS

Stock # / SKU	Description	Case Qty.
HD-AAF	AA 8 ct Shrink Pack	12
HD-CF	C 6 ct Shrink Pack	12
HD-DF	D 6 ct Shrink Pack	12
HD-9VF	9V 6 ct Shrink Pack	12

# LANTERN

## BUILT FOR PERFORMANCE

Rayovac offers the broadest assortment of lantern and barricade batteries to fit your industrial application needs.



6V BATTERY WITH SPRING TERMINALS



12V BATTERY WITH SCREW TERMINALS



6V BATTERY WITH SCREW TERMINALS

### ALKALINE

Stock # / SKU	Description	Case Qty.
806C	D Cell, 6V Battery, Spring Terminals	6
808C	F Cell, 6V Battery, Spring Terminals	4
803C	Emergency 7.5V Multiple Ignition Battery, Spring Terminals	4

### GENERAL PURPOSE

Stock # / SKU	Description	Case Qty.
941C	6V Battery, Spring Terminals	12
918C	6V Battery, Screw Terminals	6
926D	12V Battery, Screw Terminals	6

### ZINC CARBON

Stock # / SKU	Description	Case Qty.
944C	6V Battery, Spring Terminals	4
944-2RC	6V Battery, Spring Terminals 2 Pack	4
945R4C	6V Battery, Screw Terminals	4
903C	Emergency 7.5V Battery, Screw Terminals	4
45V-HD	45V Telecommunication Battery	15





# RECHARGEABLE

## LESS WASTE, MORE POWER<sup>1</sup>

Batteries come charged and ready to use with long lasting power.



Use these powerful batteries time and time again to keep disposable batteries out of landfills and more money in your pocket.<sup>1</sup>

	PRODUCT	USAGE	AA CAPACITY	POWER GUARANTEE	PERFORMANCE
	<b>RECHARGE</b>	Recommended for high use devices	1350 mAh	Up to 5 Year Battery Life <sup>3</sup>	Lasts up to 2x longer <sup>3</sup>
	PRODUCT	CHARGE TIME	BATTERIES INCLUDED	SIZE COMPATIBILITY	SAFETY AUTO SHUT OFF
	<b>VALUE CHARGER</b>	8 hours <sup>4</sup>	2 AA & 2 AAA RAYOVAC® Recharge Batteries	AA & AAA	Yes



AA 4 CT RECHARGEABLE



VALUE CHARGER

### RECHARGE

Stock # / SKU	Description	Case Qty.
LD715-40P GENE	AA NIMH 1350 MAh 4 ct Pack	6
LD715-80P GENE	AA NIMH 1350 MAh 8 ct Pack	6
LD724-40P GENE	AAA NIMH 600 MAh 4 ct Pack	6

### CHARGER

Stock # / SKU	Description	Case Qty.
PS135-4B GENE	Value Charger with 4 AA Batteries	4







# OUT OF SIGHT, OUT OF MIND

Don't forget about batteries  
for your everyday devices.



It's easy to forget that smaller devices - calculators, security door bells, and smoke detectors — run on batteries. It is often not until the batteries stop working that we remember we need them. Rayovac offers batteries that keep those essential everyday devices going.

	PRODUCT	SIZES AVAILABLE	CHEMISTRY	BEST USES
	<b>COIN CELL LITHIUM</b>	2016, 2025, 2032, 2450	Lithium	Medical Devices Bluetooth Beacons Keyless Entry
	<b>LITHIUM PHOTO</b>	123A, CR2	Lithium	Cameras Flashlights Home Security Systems Hunting Accessories
	<b>SILVER OXIDE BUTTON BATTERIES</b>	303/357	Silver Oxide	Keyless Entry Medical Devices Watches and Timers
	<b>MINIATURE ALKALINE</b>	23A, N	Alkaline	Watches Remote Controls Medical Devices



## SILVER OXIDE/BUTTON BATTERIES

Stock # / SKU	Description	Case Qty.
303/357-1ZMG	303/357 1.5V 1 ct Pack	6
303/357-3ZMG	303/357 1.5V 3 ct Pack	6

## LITHIUM COIN CELL BATTERIES

Stock # / SKU	Description	Case Qty.
KECR2016-1G	2016 3V 1 ct Pack	10
KECR2016-2G	2016 3V 2 ct Pack	10
KECR2025-1G	2025 3V 1 ct Pack	10
KECR2025-2G	2025 3V 2 ct Pack	10
KECR2025 BULKA	2025 3V 600 ct Pack	600
KECR2032-1G	2032 3V 1 ct Pack	10
KECR2032-2G	2032 3V 2 ct Pack	10
KECR2032-4G	2032 3V 4 ct Pack	10
KECR2032 BULKA	2032 3V 600 ct Pack	600
KECR2450-2G	2450 3V 2 ct Pack	10

## LITHIUM PHOTO BATTERIES

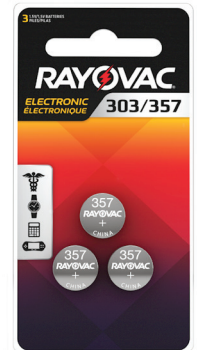
Stock # / SKU	Description	Case Qty.
RL123A-1G	123A 1 ct Pack	6
RL123A-2G	123A 2 ct Pack	6
RL123A-4G	123A 4 ct Pack	6
RL123A-8TG	123A 8 ct Pack in Tray	6
RL123ABULKD	123A 100 ct Bulk	100
RLCR2-1G	CR2 1 ct Pack	6
RLCR2-2G	CR2 2 ct Pack	6

## MINIATURE ALKALINE BATTERIES

Stock # / SKU	Description	Case Qty.
KE23A-1ZMG	23A 12V 1 ct Pack	6
KE23A-2ZMG	23A 12V 2 ct Pack	10
810 BULKD	N 1.5V 500 ct Pack	500



CR2032 2 CT PACK



303/357 3 CT PACK



23A 2 CT PACK



123A 2 CT PACK





# LIGHTS EDUCATION

## LIGHT TYPES



### HANDHELD

Best for tactical function



### HEADLIGHT

Best for hands free needs



### LANTERN & SPOTLIGHT

Best for area lighting

## STANDARD FEATURES



### LIGHT OUTPUT

The total photopic luminous flux as defined by the 1931 CIE eye response curve. It is the total quantity of emitted overall light energy as measured by integrating the entire angular output of the portable light source. Light output in this standard is expressed in units of lumens.



### RUNTIME

The duration of time from the initial light output value—defined as 30 seconds after the point the device is first turned on—using fresh batteries, until the light output reaches 10% of the initial value.



### BEAM DISTANCE

Beam Distance is defined as the distance from the device at which the light beam is 0.25 lux. 0.25 lux is approximately the equivalent of the light emitted from the full moon “on a clear night in an open field.”



### PEAK BEAM INTENSITY

Peak Beam Intensity is the maximum luminous intensity typically along the central axis of a cone of light. The value is reported in candela and does not change with distance.



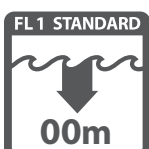
### IMPACT RESISTANCE

Impact Resistance is the degree to which a device resists damage from dropping on a solid surface.



### WATER RESISTANT

IPX4—Water splashed against the device from any direction shall have no harmful effects.



### SUBMERSIBLE

IPX8—Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be stated by the manufacturer, but which are more severe than for IPX7.



# VIRTUALLY INDESTRUCTIBLE LIGHTING



DIYLN3D-BA



DIYSP6AA-BA

## AREA LIGHTS

Stock # / SKU	Description
DIYLN3D-BA	600 Lumen (3)D LED Lantern
DIYSP6AA-BA	750 Lumen (6)AA LED Spotlight



DIY2AA-BTA



DIY3AAA-B



DIY18650-BXTB

## HANDHELD LIGHTS

Stock # / SKU	Description
DIY2AA-BTA	350 Lumen (2)AA LED Flashlight
DIY3AAA-B	300 Lumen (3)AAA LED Flashlight
DIY18650-BXTB	500 Lumen Rechargeable LED Flashlight



DIYHL3AAA-BTA



DIYHPL3AAA-BTA



DIYPHL3AAA-BTA

## HEADLAMPS

Stock # / SKU	Description
DIYHL3AAA-BTA	100 Lumen (3)AAA LED Headlight
DIYHPL3AAA-BTA	350 Lumen (3)AAA High Performance LED Headlight
DIYPHL3AAA-BTA	210 Lumen (3)AAA Performance LED Headlight



## AREA LIGHTING

Stock # / SKU	Description
SPLN8D-TA	300 Lumen (8)D Fluorescent Camping Lantern



SPLN8D-TA

## HANDHELD LIGHTING

Stock # / SKU	Description
BEK2D-A	(2)D Incandescent Flashlight
BEP2AA-BTA	18 Lumen (2)AA LED Comfort Grip Flashlight
BEPN1AAA-BTA	3 Lumen (1)AAA LED Pocket Pen Flashlight
BEGL3AAA-BA	18 Lumen (3)AAA LED Glow-In-The-Dark Flashlight
BEPLN6V-BTA	200 Lumen (1)6V 7 LED Floating Lantern
BELZ3AAA-BTA	40 Lumen (3)AAA LED Laser Pointer Flashlight
BEP2AA-B2TA	18 Lumen (2)AA LED Comfort Grip Flashlight 2-Pack
ROVMLTV321B	200 Lumen (3)AAA Tactical Flashlight
WHH2D-BA	20 Lumen (2)D LED Anti-Roll Worklight
RNPN2AAA-H	115 Lumen (2)AAA LED Pen Light
BER2AA2D-B3TA	26/40 Lumen (2)AA/(2)D LED Durable Flashlight 3-Pack
BEUV3AAA-BTA	(3)AAA LED UV Blacklight
ROVVMHAL8H	320/130 Lumen Rechargeable Metal Flashlight
RN3AAA-BA	300/100 Lumen (3)AAA LED Tactical Flashlight



BEPLN6V-BTA



BEP2AA-BTA



BER2AA2D-B3TA

## HEADLAMPS

Stock # / SKU	Description
SPPHL3AAA-BXT	250/30 Lumen (3)AAA Multi LED Headlight
RNHL3AAA-B	175/50 Lumen (3)AAA Two Strap LED Headlight



BEUV3AAA-BTA



BELZ3AAA-BTA

## ON-THE-GO LIGHTING

Stock # / SKU	Description
ROVBEMKY1AA	30 Lumen (1)AAA Keychain Light



BEPN1AAA-BTA



Visit us at  
**[www.RAYOVACindustrial.com](http://www.RAYOVACindustrial.com)**  
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