HEAVY-DUTY CARBON ZINC

The economical choice for low drain devices like remote controls, clocks, smoke alarms, radios and flashlights.

AAA    CAT# HD-AAA  4 for $1.00  100 for $20.00
AA     CAT# HD-AA   4 for $1.00  100 for $20.00
9V    CAT# HD-9V   85¢ each  96 for $54.72

LITHIUM BATTERIES

LITHIUM BATTERY CR123A
3V, 1300 mAh. Long-life power source used in high-performance flashlights, cameras and digital electronics. 1.34" long x 0.65" diameter. Replaces: Energizer EL123APB2, Duracell DL202, Panasonic CR123A, Kodak K123LA, GE Sanyo CR123A.
CAT# LBAT-123  $2.65 each
10 for $2.50 each

LITHIUM BATTERY WITH LEADS
1/2 AA size.
3.6V, 1200mAh. 14mm dia. x 24mm long.
CAT# LBAT-125  $6.50 each
AA size.
3.6V, 2400mAh. 14mm dia. x 51mm long.
CAT# LBAT-124  $6.60 each

1.5V BUTTON CELLS

AG-13 11.5mm diameter x 5.5mm. Cross to 357, AG-13, A-76, LR-44, V13GA and RW-82. Alkaline.
CAT# BAT-7  75¢ each  10 for $5.00
AG10/L1131 L1131. Cross to LR54, 189, RW9, AG10. 11.6mm diameter x 3mm high.
CAT# BAT-11  75¢ each  10 for 50¢ each
AG-3 Cross to AG-3, 392A, SR41, CX41, LR41W & others. 7.9mm dia. x 3.6mm. Alkaline.
CAT# BAT-3  50¢ each  10 for 40¢ each
SG-4 replaces AG-4, 626A, 377A, CX66W & others. 6.8mm dia. x 2.6mm. Silver oxide.
CAT# BAT-4  95¢ each  10 for 65¢ each

386S (silver oxide) replaces SG12/ G12/ SR43/ 386/ 548/6/RW24, 44 button cell. 0.45" diameter x 0.15" thick. For watches, cameras, games etc.
CAT# BAT-8  95¢ each  10 for $7.00

3V LITHIUM BUTTON CELLS
Lithium batteries have a very long shelf life, typically 10 years or more. These are not rechargeable.
CR1220. 40 mAh. 12.5mm dia. x 2mm thick.
CAT# LBAT-62  $1.50 each
CR1616. 50 mAh. 16mm dia. x 1.6mm thick.
CAT# LBAT-28  $1.00 each

CR1620. 70 mAh. 16mm dia. x 2mm thick.
CAT# LBAT-58  85¢ each  10 for 75¢ each
CR2016. 75 mAh. 0.787" dia. x 0.06" thick.
CAT# LBAT-21  75¢ each
10 for $6.50  100 for $45.00
CR2025. 150 mAh. 0.8" dia. x 0.1" thick.
CAT# LBAT-44  $1.00 ea.  10 for 75¢ ea.
CR2032. 180 mAh. 3 volt. 180 mAh. 0.8" dia.
CAT# LBAT-20  $1.00 each
10 for $8.50  100 for $70.00
CR2016. 75 mAh. 0.787" dia. x 0.06" thick.
CAT# LBAT-21  75¢ each
10 for $6.50  100 for $45.00

LITHIUM BATTERY CR123A
3V, 1300 mAh. Long-life power source used in high-performance flashlights, cameras and digital electronics. 1.34" long x 0.65" diameter. Replaces: Energizer EL123APB2, Duracell DL202, Panasonic CR123A, Kodak K123LA, GE Sanyo CR123A.
CAT# LBAT-123  $2.65 each
10 for $2.50 each

COIN CELL HOLDERS, PC LEADS

Dia.  CAT#  Each
20mm  BH-21  $1.00
20mm vertical  BH-211  $1.00
20mm top load  BH-25  $1.00
25mm  BH-23  $1.00

9 VOLT BATTERY SNAPS

I-TYPE 5" leads.
CAT# BST-51  2 for $1.00
100 for $30.00
T-TYPE 6" leads
CAT# BST-61  2 for $1.00
100 for $30.00
DUAL 6" leads
CAT# BH-29  70¢ each
100 for $55.00

LI-PO BATTERY LEVEL METER
Prevent complete battery drain, increase battery life and preserve performance with this Li-Po battery voltage tester with low voltage buzzer alarm. Instantly outputs the voltage of individual cells and the total voltage of the battery pack to the digital LED meter by simply connecting to battery balance plug. Also onboard is a loud buzzer with flashing LED to indicate when the voltage of any individual cell drops below the adjustable threshold. For use with 1-8S Li-Po/Li-Ion/Li-Mn/Li-Fe. Board dimensions 40 x 25 x 10mm.
CAT# LBT-79  $4.75 each

ORDER TOLL FREE 1-800-826-5432  47
## BATTERY HOLDERS

### AAA BATTERY HOLDERS

<table>
<thead>
<tr>
<th># OF CELLS</th>
<th>CAT#</th>
<th>TERMINATION</th>
<th>STYLE</th>
<th>EACH</th>
<th>10</th>
<th>100</th>
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<tbody>
<tr>
<td>1</td>
<td>BH-41</td>
<td>6&quot; wire</td>
<td>Single</td>
<td>$0.85</td>
<td>$0.75</td>
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<tr>
<td>2</td>
<td>BH-42</td>
<td>6&quot; wire</td>
<td>Single</td>
<td>$0.75</td>
<td>$0.65</td>
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<tr>
<td>3</td>
<td>BH-431</td>
<td>5.5&quot; wire</td>
<td>Single</td>
<td>$0.90</td>
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<td>4</td>
<td>BH-44</td>
<td>6&quot; wire</td>
<td>Single</td>
<td>$1.10</td>
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<td>4</td>
<td>BH-442</td>
<td>6&quot; wire</td>
<td>Double</td>
<td>$0.95</td>
<td>$0.80</td>
<td>$0.70</td>
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</table>

### AA BATTERY HOLDERS

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>BH-31</td>
<td>Solder tabs</td>
<td>Single</td>
<td>$0.75</td>
<td>$0.65</td>
<td>$0.50</td>
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<tr>
<td>1</td>
<td>BH-311</td>
<td>6&quot; wire</td>
<td>Single</td>
<td>$0.85</td>
<td>$0.75</td>
<td>$0.60</td>
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<tr>
<td>2</td>
<td>BH-32</td>
<td>6&quot; wire</td>
<td>Single</td>
<td>$0.85</td>
<td>$0.75</td>
<td>$0.60</td>
</tr>
<tr>
<td>2</td>
<td>BH-321</td>
<td>9V battery snaps</td>
<td>Double</td>
<td>$0.85</td>
<td>$0.75</td>
<td>$0.60</td>
</tr>
<tr>
<td>2</td>
<td>BH-322</td>
<td>2 cells / pc leads</td>
<td>Single</td>
<td>$0.85</td>
<td>$0.75</td>
<td>$0.60</td>
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<tr>
<td>2</td>
<td>BH-421</td>
<td>Solder lugs</td>
<td>Single</td>
<td>$0.95</td>
<td>$0.85</td>
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<tr>
<td>4</td>
<td>BH-342</td>
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<td>4</td>
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<tr>
<td>4</td>
<td>BH-443</td>
<td>9V battery snaps</td>
<td>Double</td>
<td>$1.20</td>
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<td>4</td>
<td>BH-444</td>
<td>9V battery snaps</td>
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<td>$1.00</td>
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<tr>
<td>6</td>
<td>BH-361</td>
<td>9V battery snaps</td>
<td>Double</td>
<td>$1.75</td>
<td>$1.55</td>
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<tr>
<td>8</td>
<td>BH-38</td>
<td>9V battery snaps</td>
<td>Double</td>
<td>$2.25</td>
<td>$2.10</td>
<td>$1.85</td>
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<tr>
<td>8</td>
<td>BH-448</td>
<td>9V battery snaps</td>
<td>Single</td>
<td>$2.30</td>
<td>$2.15</td>
<td>$1.90</td>
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### C BATTERY HOLDERS

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<tr>
<td>4</td>
<td>BH-241</td>
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<td>Single</td>
<td>$1.90</td>
<td>$1.75</td>
<td>$1.20</td>
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### D BATTERY HOLDERS

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<tbody>
<tr>
<td>2</td>
<td>BH-142</td>
<td>8&quot; wire leads</td>
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<td>$1.75</td>
<td>$1.50</td>
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<tr>
<td>2</td>
<td>BH-143</td>
<td>9V battery snaps</td>
<td>Single</td>
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<td>$1.70</td>
<td>$1.25</td>
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<tr>
<td>4</td>
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<td>$1.40</td>
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<td>4</td>
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<td>Single</td>
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<td>$1.40</td>
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### CR123A BATTERY HOLDER

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<tbody>
<tr>
<td>1</td>
<td>BH-123</td>
<td>PC leads</td>
<td>Single</td>
<td>$0.80</td>
<td>$0.70</td>
<td>$0.60</td>
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### 18650 BATTERY HOLDER

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<tbody>
<tr>
<td>1</td>
<td>BH-18650</td>
<td>6&quot; wire leads</td>
<td>Single</td>
<td>$1.95</td>
<td>$1.80</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

---

### 9 VOLT BATTERY DRAWER

Easy to remove and reload standard 9V battery. Mounts in 34.5 x 24.5mm rectangular cut out. Behind-panel depth, 60mm. Flange mount. Holes on 43mm centers. Solder lug terminals.

**CAT# BH-59** $3.60 each

100 for $3.15 each

### 9 VOLT BATTERY CLIPS

Holds one 9V battery. Nickel plated steel.

Holds battery flat. 1.04" L x 0.63" W x 0.76" H.

**CAT# BH-9H** 40¢ each

100 for 35¢ each

Holds battery edgewise. 0.68" L x 0.63" W x 1.14" H.

**CAT# BH-9V** 35¢ each • 100 for 25¢ each

### BATTERY TESTER

SE BT20. Test AAA, AA, C, D, 9V and button cell batteries. Features easy-to-read, color-coded reading meter. Separate scale for button cells. 4-3/8" x 2-3/8".

**CAT# BC-22** $5.95 each

### BATTERY LEVEL METER

Monitor battery usage in lead-acid and lithium-ion batteries. LCD displays percentage of voltage remaining in numerical and graphic format. Designed for use with 12, 24, 36 or 48V lead-acid batteries or 3 to 15 cell (8-63V) lithium-ion batteries. Battery symbol flashes when level reaches 5%. Black digits with blue backlight. Display size: 1.7" x 0.4". Includes instructions.

**CAT# BT-3** $7.75 each

---

48 FAX YOUR ORDER 24 HOURS A DAY (818) 781-2653
ARDUINO UNO PROJECT HOLDER W/ BREADBOARD

Keeps your Arduino Uno next to your breadboard so jumper wires stay in place when making changes. Includes 400 point breadboard with buss strips. Four threaded standoffs and screws securely mount Uno to plate. 160 x 106mm overall.

CAT# PBH-1 $9.50 each

YwRobot, MB-V2 is a multi-purpose module that plugs into our solderless breadboards and provides 5V and/or 3V to the rails as well as other useful functions. Works with our breadboard, CAT# PB-400 (sold separately). 32 x 54 x 25mm (1.26" x 2.08" x 0.86").

CAT# MB-PS $6.75 $4.75 each

NEW ITEM

BATTERY BOXES FOR BREADBOARDING

Completely enclosed with slide-off cover. Integrated On-Off switch. 6" leads with machined male pins for use with solderless breadboards.

Holds three AAA batteries for 4.5Vdc power. 2.49" x 1.45" x 0.62".

CAT # BH-33A $3.65 each

Holds three AA batteries for 4.5Vdc power. 2.69" x 1.90" x 0.72".

CAT# BH-AA3 $4.50 each

NEW ITEM

MINI-HOOK JUMPERS & PROBES

Mini-hooks are great for connection to parts in high-density areas. They give a firm, insulated connection.

SET OF TWO 1 1/2" MINI HOOK JUMPERS

Two 18" long mini-hook patch cords. One black, one red, with 1.5" long mini-hooks on each end.

CAT# MTC-2 $3.25 each

2" MINI-HOOK JUMPERS

Five 18" long mini-hook patch cords. Black, red, white, green and yellow.

CAT# MTC-5 set of 5 for $7.95

NEW ITEM

JUMPER WIRE SETS

Pre-formed jumper wires for use with solderless breadboards. 14 color-coded lengths. AWG 22 solid wire. Unbreakable clear plastic storage case.

140 PIECE ASSORTMENT
10 of each size
CAT # JW-140 $6.25 $3.75 each

350 PIECE ASSORTMENT
25 of each size
CAT # JW-350 $12.95 each

TEST LEADS WITH PIN PLUGS

Set of red and black test leads with pin plugs. 22" long cables.

CAT# TL-112 $1.85 set

TEST LEAD: BNC TO ALLIGATOR CLIPS

7" Mueller test cable. BNC male plug to red and black alligator clips.

CAT# TL-105 $6.95 each