



Battery Guide

2010

Energizer Space Packs with 20 batteries



Now available in these top-selling batteries

315SP
317SP
319SP
321SP
341SP
362/361SP
364/363SP
371/370SP

373SP
377/376SP
379SP
392/384SP
394/380SP
395/399SP
397/396SP
Prices on page 2

NEW pricing and FREE shipping options*

Purchase 300 or more assorted batteries, any type, and get **FREE** Fedex Saver 3-day shipping on orders under 3 pounds.

- 300 = 15 Space Pack strips
- 300 = 60 5 strips
- 300 = 50 6-Paks
- 300 = 10 Space Packs + 20 5 Strips
- 300 = 12 Space Packs + 10 6-Paks

You get the idea!

*Mix stock numbers to reach at least 300 units of batteries for Free Shipping, and let other merchandise ride along if under 3 pounds! Use **BAT FREESHIP** when you order.

Inside

- Watch batteries 2-3
- Capacitors 4
- Everyday use batteries 5
- Lithium batteries 5
- Testers and analyzers 6-7
- Battery handling tools 7
- Reference guides 6
- Battery kits 6
- Case tools 8



Watch Batteries

1.5 Volt Silver Oxide



Watch Battery Specifications & Prices

Please order 5-strips by the piece, order Space Packs in units of 5, and 6-Paks by the pak

Universal Number	Diameter x Height mm	Energizer Stock Numbers			5-Strips Price each		6-Pak/Space Pack Price each	
		5-Strip	20 Space Pack	6-Pak	5-99	100+	5-99	100+
301	11.60 x 4.20	386/301		386/301-6P	\$ 1.10	\$ 0.98	\$ 1.09	\$ 0.97
303	11.60 x 5.40	357/303	357/303SP	357/303-6P	1.18	1.04	1.17	1.03
309	7.90 x 5.35	309		309-6P	1.09	1.01	1.08	1.00
315	7.90 x 1.65	315	315SP	315-6P	0.81	0.74	0.80	0.73
317	5.80 x 1.65	317	317SP	317-6P	0.65	0.59	0.64	0.58
319	5.80 x 2.60	319	319SP	319-6P	0.67	0.61	0.66	0.60
321	6.80 x 1.65	321	321SP	321-6P	0.46	0.42	0.45	0.41
329	7.90 x 3.10	329		329-6P	0.84	0.74	0.83	0.73
335	5.80 x 1.25	335			1.20	1.08		
337	4.80 x 1.65	337			1.68	1.53		
339	6.80 x 1.45	339			1.65	1.48		
341	7.90 x 1.45	341	341SP	341-6P	1.61	1.43	1.60	1.42
344	11.60 x 3.60	344/350		344/350-6P	1.38	1.20	1.37	1.19
346	7.90 x 1.30	346		346-6P	1.68	1.40	1.67	1.39
350	11.60 x 3.60	344/350		344/350-6P	1.38	1.20	1.37	1.19
357	11.60 x 5.40	357/303	357/303SP	357/303-6P	1.18	1.04	1.17	1.03
361	7.90 x 2.10	362/361	362/361SP	362/361-6P	0.47	0.41	0.46	0.40
362	7.90 x 2.10	362/361	362/361SP	362/361-6P	0.47	0.41	0.46	0.40
363	6.80 x 2.15	364/363	364/363SP	364/363-6P	0.33	0.30	0.32	0.29
364	6.80 x 2.15	364/363	364/363SP	364/363-6P	0.33	0.30	0.32	0.29
365	11.60 x 1.65	365	365SP		1.22	1.08		
366	11.60 x 1.65	366	366SP		1.20	1.09		
370	9.50 x 2.10	371/370	371/370SP	371/370-6P	0.44	0.40	0.43	0.39
371	9.50 x 2.10	371/370	371/370SP	371/370-6P	0.44	0.40	0.43	0.39
373	9.50 x 1.65	373		373-6P	0.75	0.67	0.74	0.66
376	6.80 x 2.60	377/376	377/376SP	377/376-6P	0.34	0.31	0.33	0.30
377	6.80 x 2.60	377/376	377/376SP	377/376-6P	0.34	0.31	0.33	0.30
379	5.80 x 2.15	379		379-6P	0.35	0.32	0.34	0.31
380	9.50 x 3.60	394/380	394/380SP	394/380-6P	0.91	0.77	0.90	0.76
381	11.60 x 2.05	391/381	391/381SP	391/381-6P	0.84	0.74	0.84	0.74
384	7.90 x 3.60	392/384	392/384SP	392/384-6P	0.49	0.42	0.48	0.41
386	11.60 x 4.20	386/301		386/301-6P	1.10	0.98	1.09	0.97
387S	11.60 x 3.30	387S		387S-6P	2.67	2.40	2.67	2.40
389	11.60 x 3.00	390/389		390/389-6P	0.72	0.64	0.71	0.63
390	11.60 x 3.00	390/389		390/389-6P	0.72	0.64	0.71	0.63
391	11.60 x 2.05	391/381	391/381SP	391/381-6P	0.84	0.74	0.84	0.74
392	7.90 x 3.60	392/384	392/384SP	392/384-6P	0.49	0.42	0.48	0.41
393	7.90 x 5.35	393		393-6P	1.18	1.02	1.17	1.01
394	9.50 x 3.60	394/380	394/380SP	394/380-6P	0.91	0.77	0.90	0.76
395	9.50 x 2.70	395/399		395/399-6P	0.48	0.44	0.47	0.43
396	7.90 x 2.70	397/396		397/396-6P	0.59	0.51	0.58	0.50
397	7.90 x 2.70	397/396		397/396-6P	0.59	0.51	0.58	0.50
399	9.50 x 2.70	395/399		395/399-6P	0.48	0.44	0.47	0.43

Note: Single batteries are priced \$.50 more per battery than the 5 or 6 rate.

You may assort battery stock numbers for better quantity price breaks, with a minimum 5 or 6 pieces per stock number.

Three great choices for fresh Energizer watch batteries



Stay in stock with the 15 most popular batteries in 20-battery Space Packs



5-strips—One battery per pack, individually sealed, ideal for resale



Gain space and organization with our exclusive Timepower 6-packs



Lithium Watch Batteries

CR Lithium	Price ea./5	/100
CR927*	\$ 0.88	\$ 0.80
CR1025	0.86	0.80
CR1216	0.77	0.68
CR1220	0.80	0.70
CR1225	0.86	0.76
CR1612**	9.25	8.25
CR1616	0.75	0.65
CR1620	0.75	0.65
CR1632	0.80	0.70
CR2012	0.85	0.75
CR2016	0.49	0.45
CR2025	0.65	0.55
CR2032	0.65	0.55
CR2040*	1.86	1.66
CR2354*	2.50	2.00
CR2412**	9.25	8.25
CR2430	1.05	0.95
CR2450	1.60	1.40
CR3032	3.00	2.00

Add \$.50 to the five rate if purchasing individual batteries.
 *Another brand besides Energizer
 ** Genuine Seiko

Note: R44, R333 and R751 Renata Lithium batteries are no longer available.



Known throughout the industry for sales and service, Jules Borel & Co. was given a "Keep Going Award" by Eveready for outstanding battery sales.



Capacitors

Quartz solar cell and kinetic oscillator movements store electrical energy in a capacitor or rechargeable cell.

Citizen# Price/ea. /5

280-69	\$ 13.00	\$ 11.50
295-29	13.00	11.50
295-31	13.00	11.50
295-33	Use 295-55	
295-34	13.00	11.50
295-37	Use 295-55	
295-38	13.00	11.50
295-39	13.00	11.50
295-40	Use 295-56	
295-41	13.00	11.50
295-44	13.00	11.50
295-45	Use 295-63	
295-46	Use 295-76	
295-51	13.00	11.50
295-53	13.00	11.50
295-55	13.00	11.50
295-56	13.00	11.50
295-57	13.00	11.50
295-60	13.00	11.50
295-61	Use 295-76	
295-63	13.00	11.50
295-64	13.00	11.50
295-65	13.00	11.50
295-66	13.00	11.50
295-67	13.00	11.50
295-69	13.00	11.50
295-76	13.00	11.50
295-758	13.00	11.50
298-177	13.00	11.50
298-182	13.00	11.50

Seiko# Price/ea. /5

302324R	13.00	11.50
302324T	13.00	11.50
302324X	13.00	11.50
302324Y	13.00	11.50
302344Z	13.00	11.50
30235MZ	9.00	8.00
302726T	20.00	
302726Y	20.00	
302729N	13.00	11.50
302729R	13.00	11.50
302729Y	20.00	
30273MZ	13.00	11.50
30274MZ	13.00	11.50
3029001	Discontinued	
3029008	13.00	11.50
3029109	13.00	11.50
4018835	24.90	18.20

Casio# Price/ea.

CTL1025	12.00
CTL1616	9.50
ML2016	8.00
ML2020	8.00

Caliber-Capacitor Table

Citizen/Miyota		A239A	295-55	E000M	295-51	Seiko/Pulsar	
0271	295-02	A270M	295-44	E001M	295-51	1M20A	302726Y
0272	295-02	A310A	295-41	E010M	295-51	3M21A	30273MZ
0850A	295-29	A315A	295-41	E011M	295-51	3M22A	30273MZ
0855A	295-29	A410M	295-65	E030M	295-51	3M62A	302729N
0870A	295-29	A411M	295-65	E031M	295-51	4M21A	30274MZ
0875A	295-29	A412M	295-65	E068M	295-51	5J21A	302324X
1850	295-02	A413M	295-65	E100M	295-51	5J22A	302324X
1851	295-02	A414M	295-65	E101M	295-51	5J23A	302324X
1860	295-02	A710G	295-56	E110M	295-51	5J32A	302324X
1870	295-02	A715G	295-56	E111M	295-51	5K21A	302324Y
4800A	295-29	A730G	295-56	E168M	295-51	5K22A	302324Y
4801A	295-29	A735G	295-56	E210M	295-69	5K23A	302324Y
5080A	295-39	A780G	295-56	E310M	295-758	5K25A	302324Y
5L81	295-39	A784G	295-56	E410G	295-51	5K2JA	302324Y
7810A	295-57	A786G	295-56	E510G	295-56	5M22A	30235MZ
7811A	295-57	A930G	295-76	E511G	295-56	5M23A	30235MZ
7812A	295-57	A980G	295-76	E710M	295-56	5M25A	30235MZ
7815A	295-57	B020M	295-76	E711M	295-56	5M42A	30235MZ
7817A	295-57	B023M	295-76	E712M	295-56	5M43A	30235MZ
7820A	295-34	B030M	295-76	E715M	295-56	5M45A	30235MZ
7821A	295-56	B031M	295-76	E716M	295-56	5M47A	30235MZ
7828A	295-56	B033M	295-76	E717M	295-56	5M62A	302344Z
7870A	295-34	B080M	295-76	E760M	295-56	5M63A	302344Z
7871A	295-56	B110M	295-51	E761M	295-56	5M65A	302344Z
7872A	295-34	B117M	295-51	E765M	295-56	5Y75A	3029109
7873A	295-56	B230M	295-63	E766M	295-56	7D48	302324X
7875A	295-34	B232M	295-60	E767M	295-56	7L22A	302324T
7876A	295-56	B234M	295-63	E768M	295-56	7M12A	302324R
7877A	295-34	B235M	295-63	E810M	295-56	7M22A	302324R
7878A	295-56	B236M	295-60	E811M	295-56	7M22B	30235MZ
7879A	295-56	B237M	295-60	E812M	295-56	7M42A	302324R
7W21A	295-56	B510Z	295-56	E816M	295-56	7M45A	302324R
7W70	295-34	B515Z	295-56	E817M	295-56	8S21A	3029008
7W71	295-56	B560M	295-56	E860M	295-56	8S23A	3029008
8510A	295-55	B740M	295-56	E865M	295-56	A557A	4018835
8511A	295-55	B741M	295-56	E870M	295-56	V102A	3029001
8512A	295-55	B745M	295-56	E930M	295-55	V103A	3029001
8515A	295-55	B800M	295-56	F780M	295-76	V110A	302726T
8625A	295-55	B810M	295-56	F810M	295-55	V121A	302324R
8626A	295-55	B870M	295-56	F910M	295-55	V122A	302324R
8627A	295-55	B872M	295-56	G430M	295-51	V142A	302324Y
8628A	295-55	B873M	295-56	G431M	295-51	V145A	302324Y
8629A	295-55	B874M	295-56	G530G	295-51	V14JA	302324Y
8651	295-55	B876M	295-56	G620M	295-67	V181A	302729Y
8511	295-55	B877M	295-56	G670M	295-67	V182A	302729Y
8T29	295-55	B910M	295-56	G820M	295-66	VS10A	302726T
9410M	295-31	BP10	295-60	G900	295-69	VS32A	302324Y
9415M	295-31	BR10	295-56	H410M	295-56	VS3JA	302324Y
9417M	295-31	C601	295-38	H411M	295-56	VS82A	302729Y
9447M	295-31	C605	295-38	H412M	295-56	YT57B	302324T
9448M	295-31	C615	295-38	H430M	295-56	YT58B	30235MZ
9455M	295-31	C650	295-56	H460M	295-56	H461M	295-56
9457M	295-31	C651	295-56	H461M	295-56	H501M	295-51
A114A	295-55	C660	295-56	H500M	295-51	H570M	295-51
A119A	295-55	C690	295-44	H501M	295-51	J304M	295-56
A134A	295-55	D600	295-53	H570M	295-51		
A139A	295-55	D700	295-64	H571M	295-51		
A160M	295-44	D706	295-64	J304M	295-56		
A234A	295-55	D710	295-64	OW50	295-29		
		D716	295-64				

Cameras, Remotes, Lighters & Clock Batteries

Battery	Voltage	Application	Each
 A76 (LR44)	1.5	Photo-Alkaline	\$.65
 A544 (4LR-44P)	6	Photo-Alkaline	2.65
 CR123 (EL123)	3	Photo-Lithium	3.15
 CR2 (EL1CR2)	3	Photo-Lithium	5.25
 CRP2 (EL223)	6	Photo-Lithium	6.30
 2CR5	6	Photo-Lithium	6.30
 GP23 (RV08)	12	Lighters, remotes	.95
 GP27	12	Lighters, remotes	1.50
 J CELL (539)	6	Remote controls	3.15
 E625G	1.5	Clock, Alkaline	2.75
 SR850	1.5	Cartier Genuine Sliver	39.95
 LR50	1.5	Clock, Alkaline	3.70

Zinc Air Hearing Aid Batteries

Hearing aids can consume up to one battery a day! Carded in 8-packs for consumer installation, these cells are all you need for the most current models. Made in the USA.



Energizer Amplifier

Battery #	Card of 8
AC10	\$ 5.75/card
AC13	5.75/card
AC312	5.75/card
AC675	5.75/card

Accucell for Accutron

Accucells provide the proper voltage for Accutron tuning fork movements. ACC-1 is used for calibers 214 and 218. ACC-2 is used for caliber 221. Do not test.***



Stock #	Quantity	Price ea./1	/3
ACC-1	1-pak	\$ 6.75	\$ 6.25
ACC-2	1-pak	11.50	

***Do not test! Results of testing will be inaccurate.

Prices current as of October 2010
Prices are subject to change without notice

Eveready Gold and Energizer Everyday Use Batteries

Use in flashlights, clocks, toys, music players, smoke detectors, remote controllers, and other electronic devices. Nickel metal hydride batteries are the best rechargeable batteries.



Size	Alkaline				Lithium		NiMH	
	Stock #	#/Pk	Price ea./1	Price ea./pk	Stock #	Price ea.	Stock #	Price ea.
AAAA	AAAA	2	\$ 1.33					
AAA	AAA	16	.69	\$.57	AAA LITHIUM	\$ 2.40	AAA NIMH	\$ 3.95
AA	AA	16	.62	.52	AA LITHIUM	2.40	AA NIMH	3.95
C	C CELL	8	1.20	1.10			C NIMH	4.95
D	D CELL	8	1.35	1.20			D NIMH	4.95
N	N CELL	5	1.15	1.00				
9-volt	9V	4	2.40	2.10			9V NIMH	9.95



Battery Changing Kit

Kit includes tools for opening cases and handling the batteries in a handy zippered pouch.

BAT515 Battery Tool Kit \$ 23.50

Save Time Changing Batteries

Battery kits provide an easy way to set up all your battery-changing needs. Our 240-cell Master Kit will cover about 95% of your watch battery needs and our 180-cell Starter Kit will cover about 85%. Our Master Battery Kit includes:

- Battery change tool kit*, cleaning cloth
- Energizer Battery tester*
- 6-Pak Mini-tray for storage*
- 240 cells, balanced by popularity
- 60 drawer cabinet with labels
- Battery size checker gauge*
- Six-piece screwdriver set* & eye loupe*
- Counter sign* and cabinet decal
- Battery cross-reference and instruction booklets*



MBA	Master Battery Kit, 240 cells	\$ 152.00
SBA	Starter Battery Kit, 180 cells	79.00
BX-60	60-drawer cabinet only	24.00

*Items in the starter kit



Improved Watch Analyzer

Check batteries, step-motor and coils using this improved tester.

TS200.00 \$ 39.70

Energizer Miniature Battery Tester

Use this modern-style tester to test high and low drain silver, mercury, and lithium batteries.

EWB1 Tester \$ 15.95



Energizer Reference Guides

BAT REF	Watch Battery Cross Reference Guide	N/C
BAT INST	Replacement Instruction Booklet	N/C
BAT PAD	14" x 10" desk pad with references	N/C
BAT COUNTER	8.5" x 11" counter sign with easel	N/C
BAT SIZER	Plastic card with battery-sized slots	N/C
BAT DVD	DVD on how to replace watch batteries	N/C



Battery Tester and Analyzer

Test batteries and analyze movements without removing them from the case using this dual function instrument. Test results are indicated with lights and audio signals. Includes a 9-volt battery.

W3000 Battery Tester/Analyzer \$ 49.95
 W3000/60 With purchase of 60 asst. batteries 39.95

Swiss born Jules Borel came to America in 1918 and started his business selling watch parts in 1920. Despite many challenges, Jules' knowledge and superior customer service led the company to thrive.

Today, 40 employees, including a third generation of Borel family members, follow in his path to provide fast order filling and economical delivery from our Kansas City location in the Heart of America.





Screw Holding Tweezers

Screw holding tweezers for positioning cell strap screws.

TW808.00 Screw holding tweezers \$ 6.95



Special SA Tweezers

Economy priced, anti-acid tweezers have very fine points. Made from anti-magnetic stainless steel at a good price.

Stock #	Length	Style	Price ea./1	/3
TW653	4 3/4"	3	\$ 4.45	\$3.95
TW655	4 1/2"	5	4.95	



Plastic Battery Tweezers

TW800.455 Battery Tweezer with flat top \$ 1.50 \$ 1.20ea./3



Plastic Tweezers

Strong, lightweight tweezers are perfect for handling watch batteries. 4 5/8" long.

TW799.00 Plastic Tweezers \$ 1.40 \$ 1.10ea./3



Watchmaker's Pick

Position batteries, watch parts without marring.

BG7010	Chemically Resistant, No Residue	\$ 8.95
BG6436	Standard Red Pick	2.90



Shapable Transparent Rods

BG5206/3MM	Transparent Rods, 3mm	\$ 8.80
BG5206/4MM	Transparent Rods, 4mm	11.80
BG5206/5MM	Transparent Rods, 5mm	12.50



Battery Saver Compartment Cleaner

Keep batteries working stronger longer! Picks up corrosive particles and cleans battery compartments.

TS600 \$ 4.30/ea. \$ 3.80 ea./3 \$ 3.60 ea./10



White Leather Polishing Buff Stick

Use a Swiss leather buff stick mounted on wood to place batteries without leaving fingerprints. From Bergeon.

Stock #	Size	Price ea./1	/3	/10
BG1282D	6mm Wide	\$ 7.50	\$7.00	\$ 6.50
BG1282A	12mm Wide	11.10	10.20	9.70



Witschi Cyclonic

Test drive trains of analog quartz watches, free up stuck hands and supply pulses to stepping motors to check a stopped train without having to open the case. Adjust the pulse power stronger than normal to restart hands stopped by a small particle or thick oil. Spinning the hands will clean and clear the train. Jump start Swatch watches which can't be repaired. Includes a built-in battery tester. Swiss.

normal to restart hands stopped by a small particle or thick oil. Spinning the hands will clean and clear the train. Jump start Swatch watches which can't be repaired. Includes a built-in battery tester. Swiss.

TS-CYCLONIC Multi-purpose tester Call

Recharger for Seiko Kinetics

Accelerate the charging of run-down Seiko Kinetic watches models 1M, 3M, 4M, 5M, 5J, 7L, and 9T. Set to charge in 30 minutes or 3 1/2 hours. Measures about 6" x 6".

- Quickly charge watches for sale & customer's watches
- Resell to Kinetic customers who don't wear the watch often enough to keep it charged.

TS-SKENETIC \$ 195.00

Prices are subject to change without notice.



New Model holds up to 60mm

Bergeon Screwback Opener

Use professional screwback watch case opener for waterproof and stubborn cases. Cast metal frame with large 5-inch plastic wheel, 6 sets of pins for most screw-on case backs and 4 pairs of case holding plugs, all mounted on wooden base. Swiss-made.

BG5700Z \$ 565.00

See pages 90-93 of our Watchmakers' and Jewelers' Tools Catalog for more case presses and dies.



Case Presses & Dies

Use this inexpensive press to close casebacks. Snap-on nylon dies, available in an assortment of sizes, won't scratch or mar cases. Not recommended for fitting crystals. Imported cast metal press with 14 nylon dies. Other dies sets are also available.

CRY905.00	Economy Press	\$ 29.30
CRY905.10	14 Straight Dies	17.95
CRY905.15	6 Rolex-style Dies	15.45
CRY905.21	6 Bezel Dies	18.95
CRY905.25	8 Dies 40-57mm	7.80



Jiggle Snap-back Case Opener

Line up the case knife blade into the case slit, then jiggle the case back off. The rotating lever provides control over the knife blade and enhances the removal process.

CO-M114	Quality Snap-back Case Opener	\$ 69.00
CO-114E	Economy Snap-back Case Opener	29.10



Horotec Snap Back Opener

Position blades on two sides and turn the knob to open.

CO-M115 Snap Back Opener \$ 269.00



Bergeon Heavy Duty Case Opener

Case opener knife has larger knurled handle for a better grip and a replaceable blade. Swiss.

BG6987	Right-handed Opening Lever	\$ 54.50
BG6987G	Left-handed Opening Lever	64.20



Case Holder with Four Pins

Comparable to holders at twice the price—secure in a vise.

CH175.00	Holder up to 45mm	\$ 6.95
CH176	Extra Large Holder up to 70mm	14.95

Swiss Case Opening Pocket Knife



3.4" long when folded

Stainless steel pocket knife has a standard blade on one end and a case-opening blade on the other.

KN883.00 Folding Case Knife \$ 19.95



Waterproof Case Wrench

Modeled after the famous Jaxa, this economical 3-prong case wrench does the job. 5 1/2" long with four of pins in storage case.

CO790	Case Wrench 17 to 35mm	\$ 15.65
CO792	Extra large case wrench 19 to 60mm	\$ 19.95



Bergeon Case Opening Lever

Unique, easy to use lever from Switzerland.

BG4755 Opening lever \$ 23.95



LG Master Case Wrench

Four sets of pins, 3 each of shapes shown. USA-made.

CO600 LG Wrench \$ 53.00

For more tools and accessories, visit julesborel.com or order CAT-T, our Watchmaker's and Jeweler's Tools Catalog.