



Pager Batteries

Part No.	Volts	Cap. mAh
PAGER-1	1.3	150
PAGER-2	2.5	150
PAGER-3	1.3	600
PAGER-4	1.3	270
PAGER-5	1.3	150
PAGER-6	1.3	600



Duracell® Miscellaneous Batteries

DL2032



For applications with a high current pulse (e.g., photoflash) and continuous drain, Duracell offers these high rate 3-volt lithium batteries. Provide very high energy density and excellent rate capability. Up to four times the power of alkaline batteries. Wide operating temperature range (-40°C to 60°C). Excellent low temperature performance and shelf life (0.5 percent capacity loss per year at room temperature).

Part Number	Maximum Diam. (in)	Maximum Height (in)	Primary Usage
DL1025	.394	.098	Watches, Thermometers, Handheld Games, Calculators
DL1216	.492	.063	Watches, Thermometers, Handheld Games, Calculators
DL2032	.787	.126	Car Security, Organizers, Glucometers
DL2430	.965	.118	Pet Flea Collars, Photo Memory
DL2450	.965	.197	Glucometers, Photo Memory, Keyless Entry Systems

Photo Lithium Batteries



DL245A

For applications with a high current pulse (e.g., photoflash) and continuous drain, Duracell offers high rate 3 and 6-volt lithium batteries. Very high energy density and excellent rate capability. Up to four times the power of alkaline batteries. Wide operating temperature range (-40°C to 60°C). Excellent low temperature performance and shelf life (0.5 percent capacity loss per year at room temperature).

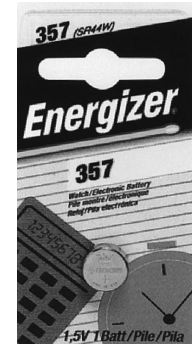
Part Number	Voltage	Maximum Diam. (in)	Maximum Height (in)	Primary Usage
DL2032	3.0	.787	.126	Car Security, Organizers, Glucometers
DL1/3N	3.0	.457	.425	Photo
DL123A	3.0	.669	1.358	Photo

Part Number	Voltage	Maximum Diam. (in)	Maximum Height (in)	Primary Usage
DL223A	6.0	.768	1.378	Photo
DL245A	6.0	.669	1.339	Photo



Watch, Camera, Calculator, Photo, and Hearing Aid Batteries Alkaline, Lithium, Mercury and Silver Oxide

Part No.	Volts	mAh	Diam. x Height mm
301	1.55	115	11.6 x 4.2
303	1.55	170	11.6 x 5.4
315	1.55	19	7.9 x 1.65
317	1.55	8	5.8 x 1.65
319	1.55	16	5.8 x 2.7
321	1.55	13	6.8 x 1.65
335	1.55	5	5.8 x 1.25
357	1.55	155	11.6 x 5.4
361	1.55	18	7.9 x 2.1
362	1.55	21	7.9 x 2.1
364	1.55	20	6.8 x 2.15
370	1.55	30	9.5 x 2.1
371	1.55	32	9.5 x 2.1
373	1.55	23	9.5 x 1.65
377	1.55	23	6.8 x 2.6
379	1.55	12	5.8 x 2.15
384	1.55	38	7.9 x 3.6
386	1.55	105	11.6 x 4.2
389	1.55	85	11.6 x 3.05
391	1.55	40	11.6 x 2.1
392	1.55	38	7.9 x 3.6
393	1.55	65	7.9 x 5.4
395	1.55	42	9.5 x 2.7
396	1.55	25	7.9 x 2.6
397	1.55	30	7.9 x 2.6
399	1.55	42	9.5 x 2.7



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Part No.	Description
EL123APB2	(2) 3.0 volts photo electronic lithium batteries
EL123APBP	(1) 3.0 volts photo electronic lithium battery
EL1CR2BP	(1) 3.0 volts photo electronic lithium battery
EL223APBP	(1) 6.0 volts photo electronic lithium battery
EL2CR5BP	(1) 6.0 volts photo electronic lithium battery
EPX76BP	(1) 1.5 volts photo electronic silver oxide battery
L91BP-2	(2) Lithium AA photo electronic batteries
AC10E-4	(4) 1.4 volts zinc air hearing aid batteries
AC10E-8	(8) 1.4 volts zinc air hearing aid batteries
AC13E-4	(4) 1.4 volts zinc air hearing aid batteries
AC13E-8	(8) 1.4 volts zinc air hearing aid batteries
AC312E-4	(4) 1.4 volts zinc air hearing aid batteries
AC312E-8	(8) 1.4 volts zinc air hearing aid batteries
AC675E-4	(4) 1.4 volts zinc air hearing aid batteries
ECR2016BP	(1) 3 volts watch/electronic battery
ECR2025BP	(1) 3 volts watch/electronic battery

Electronic/Communication Batteries



246

Part No.	Volts	Max. Hght. mm (in)	Max. Diam. mm (in)	Max. Length mm (in)	Max. Width mm (in)	Typ. Wght. mm (in)
206	9	50.8 (2.00)	19.1 (0.75)	—	—	32.0 (1.1)
246	9	69.9 (2.75)	—	35.7 (1.41)	34.1 (1.34)	88.0 (33.1)
266	9	63.0 (2.48)	—	46.0 (1.81)	46.0 (1.81)	168.0 (5.9)
276	9	80.2 (3.16)	—	65.1 (2.56)	51.6 (2.03)	245.0 (8.6)
411	15	36.9 (1.45)	—	26.2 (1.03)	16.1 (0.68)	27.0 (0.9)
412	22.5	50.8 (2.00)	—	27.0 (1.06)	16.1 (0.63)	38.0 (1.8)
413	30	65.0 (2.56)	—	26.2 (1.03)	16.0 (0.63)	48.0 (1.7)
415	45	92.5 (3.64)	—	26.6 (1.05)	16.1 (0.63)	76.0 (2.7)
416	67.5	88.9 (3.50)	—	33.7 (1.33)	25.0 (0.98)	114.0 (4.0)
455	45	93.6 (3.68)	—	67.5 (2.66)	25.4 (1.00)	231.0 (8.1)
467	67.5	94.1 (3.70)	—	71.4 (2.81)	34.9 (1.37)	343.0 (12.1)
489	225	106.4 (4.19)	—	110.3 (4.34)	68.3 (2.69)	1170.0 (41.3)
493	300	99.2 (3.91)	—	68.3 (2.69)	56.4 (2.22)	445.0 (15.7)
497	510	142.9 (5.63)	—	76.2 (3.00)	40.5 (1.59)	780.0 (27.5)
504	15	34.9 (1.37)	—	15.9 (0.63)	15.1 (0.59)	15.0 (0.5)
505	22.5	50.9 (2.00)	—	15.9 (0.63)	15.1 (0.59)	22.0 (0.8)
711	1.5	102.4 (4.03)	—	66.7 (2.63)	33.8 (1.33)	283.0 (9.9)
732	12	125.4 (4.94)	—	135.7 (5.34)	72.2 (2.84)	1250.0 (44.1)
763	22.5	77.8 (3.06)	—	92.1 (3.63)	51.6 (2.03)	372.0 (13.1)

Batteries - Rechargeable



Panasonic Lead-Acid Batteries

Part Number	V	Cap. 20 Hr. Rate	Lth. (in)	Wdth. (in)	Ht. (in)	Wgt. (lbs)	Termination
LEAD-4-3	4	3.0	3.56	1.33	2.51	.94	.187 TAB
LEAD-4-4.2	4	4.2	1.89	1.40	4.68	1.23	FLAT CONTACT
LEAD-4-10	4	10	4.02	1.97	3.85	2.97	.250 TAB
LEAD-6-1	6	1.0	2.00	1.67	2.15	.55	.187 TAB
LEAD-6-1.2	6	1.2	3.82	.98	2.15	.66	.187 TAB
LEAD-6-2.6	6	2.6	5.27	1.33	2.52	1.23	.187 TAB
LEAD-6-3	6	3.0	5.27	1.33	2.52	1.43	.187 TAB
LEAD-6-3.2 HRD	6	3.2	5.28	1.34	2.52	1.54	.187 TAB
LEAD-6-4	6	4.0	2.76	1.85	4.15	1.87	.187 TAB
LEAD-6-4W	6	4.0	2.76	1.85	4.04	1.87	WIRE & CONN
LEAD-6-4.2	6	4.4	1.89	2.03	4.68	1.76	FLAT CONTACT
LEAD-6-5L	6	5	2.63	2.63	4.28	2.00	SPRING
LEAD-6-7	6	7.0	5.95	1.33	3.84	2.98	.187 TAB
LEAD-6-9.5TOY	6	9.5	4.26	2.65	5.54	5.4	CONNECTOR
LEAD-6-10	6	10	5.95	1.97	3.84	4.41	.187 TAB
LEAD-6-10-250	6	10	5.95	1.97	3.84	4.41	.250 TAB
LEAD-6-12TOY	6	12	4.26	2.65	5.54	5.40	CONNECTOR
LEAD-8-3	8	3.0	7.12	1.33	2.51	2.0	.187 TAB
LEAD-12-0.8	12	0.8	3.78	0.98	2.42	.77	WIRE & CONN
LEAD-12-1.2	12	1.2	3.82	1.89	2.15	1.25	.187 TAB
LEAD-12-1.3 HRD	12	1.3	5.28	2.64	2.52	3.09	.187 TAB
LEAD-12-2	12	2.0	5.91	.79	3.35	1.54	.187 TAB
LEAD-12-2.3	12	2.3	7.01	1.34	2.52	2.07	.187 TAB
LEAD-12-2.6	12	2.6	5.27	2.64	2.52	2.47	.187 TAB
LEAD-12-3.2 HRD	12	3.2	5.28	2.64	2.52	3.09	.187 TAB
LEAD-12-4	12	4.0	3.54	2.75	4.17	3.74	.187 TAB
LEAD-12-5 HRD	12	5.0	3.54	2.75	4.17	4.41	.250 TAB
LEAD-12-7	12	7.0	5.95	2.56	3.84	5.84	.187 TAB
LEAD-12-12	12	12	5.95	3.86	3.84	8.82	TAB
LEAD-12-18	12	18	7.12	2.99	6.57	13.70	NUT & BOLT
LEAD-12-24B	12	24	6.54	6.89	4.92	19.10	NUT & BOLT
LEAD-12-24T	12	24	6.54	6.89	4.92	19.10	.250 TAB
LEAD-12-38	12	38	7.75	6.50	6.69	30.40	NUT & BOLT
LEAD-12-55	12	55	10.16	6.73	8.82	39.5	NUT & BOLT
LEAD-12-65	12	65	13.78	6.53	6.85	50.20	NUT & BOLT
LEAD-214P	4	2.2	1.90	1.41	2.50	.57	PRESSURE
LEAD-414P	4	4.3	1.88	1.40	4.69	1.12	PRESSURE
LEAD-6V-1.3P	6	1.3	3.82	.94	2.16	.66	.187 TAB
LEAD-6V-2.4P	6	2.4	2.60	1.30	4.11	1.15	.187 TAB
LEAD-6V-3.2P	6	3.2	2.60	1.30	4.92	1.46	.187 TAB
LEAD-6V-3.4P	6	3.4	5.28	1.34	2.60	1.37	.187 TAB
LEAD-6V-4P	6	4	2.76	1.85	4.26	1.98	.187 TAB
LEAD-6V-4PW	6	4	2.76	1.89	4.26	2.10	WIRE & CONN
LEAD-6V-4.2P	6	4.3	1.88	2.03	4.69	2.10	WIRE & CONN
LEAD-6V-5P	6	5	2.76	1.85	4.26	1.63	PRESSURE
LEAD-6V-6.5P	6	6.5	5.95	1.34	3.94	2.56	.187 TAB
LEAD-6V-7.2P	6	7.2	5.95	1.34	3.94	2.78	.187 TAB
LEAD-6V-10P	6	10	5.95	1.97	3.94	3.93	.187 TAB
LEAD-6V-10P-250	6	10	5.95	1.97	3.94	3.93	.250 TAB
LEAD-6V-12P	6	12	5.95	1.97	3.94	4.30	.187 TAB
LEAD-218P	8	2.2	2.65	1.89	2.50	1.15	PRESSURE
LEAD-318P	8	3.2	2.65	1.89	4.95	1.55	PRESSURE
LEAD-12V-1.3P	12	1.3	3.82	1.87	2.16	1.30	.187 TAB
LEAD-12V-2.2P	12	2.2	6.97	1.34	2.60	1.76	.187 TAB
LEAD-12V-3.4P	12	3.4	5.28	2.64	2.60	2.65	.187 TAB
LEAD-12V-4P	12	4	3.54	2.76	4.26	3.84	.187 TAB
LEAD-12V-5P	12	5	3.54	2.76	4.26	4.25	.187 TAB
LEAD-12V-6.5P	12	6.5	5.95	2.54	3.94	5.00	.187 TAB
LEAD-12V-6.5P-250	12	6.5	5.95	2.54	3.94	5.05	.250 TAB
LEAD-12V-7.2P	12	7.2	5.95	2.54	3.94	5.45	.187 TAB
LEAD-12V-12P	12	12	5.95	4.00	4.01	8.60	.187 TAB
LEAD-12V-17P	12	17	7.13	2.99	6.57	14.3	NUT & BOLT
LEAD-12V-20P	12	20	7.28	4.92	6.50	16.5	NUT & BOLT
LEAD-12V-24PB	12	24	6.50	4.92	6.89	19.2	NUT & BOLT
LEAD-12V-33P	12	33	7.70	5.12	7.09	26.5	NUT & BOLT
LEAD-12V-38P	12	38	7.76	6.50	6.89	28.7	NUT & BOLT
LEAD-12V-65P	12	65	13.78	6.54	6.89	44.1	NUT & BOLT
LEAD-12V-75P	12	75	11.95	6.73	9.29	57.3	NUT & BOLT
LEAD-12V-100P	12	100	16.03	6.82	9.69	79.4	NUT & BOLT
LEAD-12V-140P	12	140	19.89	8.67	10.12	114.7	NUT & BOLT



Sealed Lead Rechargeable Batteries

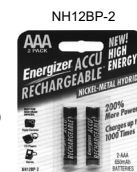


Part Number	Volts	Capacity	Length (inches)	Diameter (inches)	Weight
0800-0004	2	5.0 AH	3.16	1.74	13.0 oz.
0810-0004	2	2.5 AH	2.65	1.34	6.5 oz.
0820-0004	2	25.0 AH	6.78	2.55	3.50 lbs.



Accu Rechargeable™

High energy-high performance. Batteries charge up to 1000 times. Provides 70% more power than standard AA NiCad. New chargers charge both NiMH and NiCad. Cadmium-free no-memory effect. Recommended uses: high tech high-drain devices, digital camera, portable CD players, camcorders, portable digital assistants (PDA's), gameboys.



Part Number	Description
NH12BP-2	(2) AAA 650mAh nickel-metal hydride batteries
NH15BP-2	(2) AA 1200mAh nickel-metal hydride batteries
NH15BP-4	(4) AA 1200mAh nickel-metal hydride batteries
NH22NBP	(1) 9V 150mAh nickel-metal hydride battery
NH35BP-2	(2) C 2200mAh nickel-metal hydride batteries
NH50BP-2	(2) D 2200mAh nickel-metal hydride batteries



Sealed Lead-Acid Batteries

Valve regulated, spill-proof construction allows trouble-free, safe operation in any position. There is no need to add electrolyte, as gases generated during over-charge are recombined in a unique "oxygen cycle". No special precautions or shipping containers - surface or air - are required due to leak-proof construction. The economical, high watt-hour per dollar value is made possible by the materials used in a sealed lead-acid battery; they are readily available and low in cost. Under normal operating conditions, four or five years of dependable service life can be expected in stand-by applications, or between 200 and 1000 charge/discharge cycles depending on the average depth of discharge. Batteries may be used in series and/or parallel to obtain choice of voltage and capacity; the same battery may be used in either cyclic or standby applications. Over 40 models are available to choose from. The high impact resistant battery case is made either of non-conductive ABS plastic or styrene. Large capacity batteries frequently have polypropylene cases. All of these materials impart great resistance to shock, vibration, chemicals and heat. State-of-the-art design, high grade materials, and a carefully controlled plate-making process to provide excellent output per cell. The high energy density results in superior power/volume and power/weight ratios. Low internal resistance allows discharge currents of up to ten times the rated capacity of the battery. Relatively small batteries may thus be specified in applications requiring high peak currents. A low self-discharge rate permits storage of fully charged batteries for up to a year at room temperature before charging is required. Lower storage temperatures enhance shelf life characteristics even further. Batteries may be discharged over a



PS-470

Batteries - Rechargeable

POWER SONIC

Sealed Lead-Acid Batteries cont'd

temperature range of -20°C to +60°C (-4°F to +140°F) and charged at temperatures ranging from -20°C to +50°C (-4°F to +122°F). Special separators, advanced plate composition, and a carefully balanced electrolyte system have greatly improved the ability of recovering from excessively deep discharge.

Part No.	Nom. Volt.	Nom. Cap. @ 20 hr rate AH	Dschrg Curr. @ 20 hr. rate AH	Lgth. in (mm)	Width in (mm)	Height in (mm)	Ht. Over Terminal in (mm)	Approx Wght in lbs (kg)	Stand Term
PS-260	2	6.0	300	1.97(50)	1.34(34)	3.94(100)	4.13(105)	0.90(0.41)	F1
PS-445	4	4.5	225	1.89(48)	2.09(53)	3.70(94)	3.86(98)	1.4(0.65)	F2
PS-470	4	7.0	350	2.52(64)	2.08(53)	3.70(94)	3.92(100)	1.9(0.9)	F1
PS-490	4	9.0	450	3.97(101)	1.73(44)	3.74(95)	4.02(102)	2.8(1.28)	F2
PS-4100	4	10.0	500	4.02(102)	1.97(50)	3.72(94)	3.92(100)	3.1(1.4)	F1
PS-605	6	0.5	25	2.24(57)	0.55(14)	1.97(50)	1.97(50)	0.2(0.09)	WL
PS-610	6	1.0	50	2.00(51)	1.65(42)	2.00(51)	2.20(56)	0.6(0.3)	F1
PS-612	6	1.3	65	3.82(97)	0.94(24)	2.00(51)	2.19(56)	0.6(0.3)	F1
PS-628	6	2.8	140	2.60(66)	1.30(33)	3.86(98)	4.06(103)	1.25(0.57)	F1
PS-630	6	3.0	150	5.28(134)	1.34(34)	2.35(60)	2.56(65)	1.5(0.7)	F1
PS-632	6	3.2	160	2.60(66)	1.30(33)	4.65(118)	4.80(122)	1.5(0.7)	F1
PS-640	6	4.5	225	2.76(70)	1.89(48)	4.02(102)	4.25(108)	1.95(0.9)	F1orWL
PS-650L	6	5.0	250	2.63(67)	2.63(67)	3.78(96)	4.28(109)	2.0(0.9)	SP
PS-665	6	6.5	325	3.86(98)	2.20(56)	4.05(103)	4.05(103)	3.0(1.4)	FP
PS-670	6	7.0	350	5.95(151)	1.34(34)	3.70(94)	3.86(98)	3.0(1.4)	F1
PS-682	6	8.0	400	3.86(98)	2.20(56)	4.65(118)	4.65(118)	3.3(1.5)	F1orWL
PS-695	6	9.5	475	4.26(108)	2.75(70)	5.54(141)	5.54(141)	4.9(2.2)	FP
PS-695TOY	6	9.5	475	4.26(108)	2.75(70)	5.54(141)	5.54(141)	4.9(2.2)	TSorTH
PS-6100	6	12.0	600	5.95(151)	2.00(51)	3.70(94)	3.86(98)	4.6(2.1)	F1orF2
PS-6120	6	12.0	600	4.26(108)	2.75(70)	5.54(141)	5.54(141)	5.2(2.4)	FP
PS-6120TOY	6	12.0	600	4.26(108)	2.75(70)	5.54(141)	5.54(141)	5.2(2.4)	TSorTH
PS-6200	6	20.0	1000	6.18(157)	3.27(83)	4.92(125)	4.92(125)	8.2(3.7)	NB
PS-6360	6	36.0	1800	6.25(159)	3.35(85)	6.50(165)	6.95(176)	13.8(6.2)	F2orNB
PS-832	8	3.2	160	5.28(134)	1.42(36)	2.49(63)	2.70(69)	1.9(0.85)	F1
PS-1208	12	0.8	40	3.78(96)	0.98(25)	2.42(62)	2.43(62)	0.8(0.35)	WL
PS-1212	12	1.2	60	3.82(97)	1.65(42)	2.00(51)	2.13(54)	1.3(0.6)	F1
PS-1220	12	2.2	110	7.01(178)	1.34(34)	2.36(60)	2.56(65)	1.9(0.85)	F1
PS-1223	12	2.3	115	7.17(182)	0.94(24)	2.42(62)	2.42(61.5)	1.76(0.8)	PC
PS-1229	12	2.9	145	7.01(178)	1.34(34)	2.36(60)	2.56(65)	2.2(1.0)	F1
PS-1230	12	3.0	150	5.23(134)	2.64(67)	2.36(60)	2.60(66)	2.6(1.2)	F1
PS-1250	12	5.0	250	3.54(90)	2.75(70)	4.01(102)	4.20(107)	4.2(1.9)	F1orF2
PS-1270	12	7.0	350	5.95(151)	2.56(65)	3.70(94)	3.86(98)	5.7(2.6)	F1
PS-1282	12	8.0	400	3.86(98)	4.40(112)	4.65(118)	4.65(118)	6.7(3.0)	F1
PS-12100	12	10.0	500	5.95(151)	4.00(102)	3.70(94)	3.86(98)	9.2(4.2)	F1orF2
PS-12120	12	12.0	600	5.95(151)	3.86(98)	3.70(94)	3.94(100)	9.0(4.1)	F2
PS-12120L	12	12.0	600	8.38(213)	2.75(70)	5.50(140)	5.50(140)	10.7(4.8)	FP
PS-12180	12	18.0	900	7.13(181)	2.9(76)	6.57(167)	6.57(167)	13.1(5.9)	F2orNB
PS-12260	12	26.0	1300	6.55(166)	6.88(175)	4.95(126)	4.95(126)	20.8(9.4)	F2
PS-12280	12	28.0	1400	6.54(166)	4.95(126)	6.89(175)	6.89(175)	20.8(9.4)	NB
PS-12330	12	33.0	1650	7.70(196)	5.19(132)	6.10(155)	7.00(178)	24.0(10.9)	NB, M, B, AP or U
PS-12400	12	40.0	2000	7.75(197)	6.50(165)	6.75(172)	6.75(172)	30.5(13.8)	NB
PS-12550	12	55.0	2750	9.04(230)	5.45(138)	8.15(207)	8.98(228)	41.1(18.7)	NB, M, B, AP or U
PS-12750	12	75.0	3750	10.25(260)	6.60(168)	8.15(207)	8.98(228)	54.7 (24.9)	NB, M, B, AP or U
PS-121000	12	100.0	5000	12.00(305)	6.60(168)	8.15(207)	8.98(228)	65.7(29.8)	NB, M, B, AP or U
PSG-450	4	5.0	250	3.54(90)	1.94(49)	2.87(73)	2.87(73)	1.7(0.8)	F2
PSG-480	4	8.0	400	3.54(90)	1.94(49)	4.00(102)	4.00(1.02)	2.5(1.1)	F2
PSG-625	6	2.5	125	4.15(105)	1.63(41)	2.70(68)	2.70(68)	1.5(0.7)	F1
PSG-650	6	5.0	250	5.28(134)	1.94(49)	3.00(76)	3.00(76)	2.5(1.1)	F2
PSG-680	6	8.0	400	5.28(134)	1.94(49)	3.99(101)	3.99(101)	3.7(1.7)	F2

POWER SONIC

Nickel-Cadmium Batteries



Standard Cells

Broad range of cell sizes and types to meet a wide range of configuration requirements and applications. Capacities range from 60 to 8000 mAh. State of the art design and a meticulously controlled manufacturing process ensure the highest performance levels in terms of energy density and voltage stability. The cylindrical steel case and special construction methods result in extremely impact and vibration resistant batteries designed to withstand hostile environments. A resealable safety valve automatically controls vent pressure and thus assures safe and reliable operation. Unique positive and negative electrode designs account for the low impedance and resultant high discharge and charge rates. Sealed, leak resistant design of nickel-cadmium cells eliminates any need for maintenance and allows safe operation in any position. 500-1000 charge/discharge cycles can be obtained depending on the average depth of discharge, and five years or more of trouble-free operation when used in stand-by (trickle charge) service at room temperature. An operating temperature range from -20°C to +60°C for regular cells, and -20°C to 70°C for Hi-Temp cells provides design flexibility for a wide spectrum of environmental extremes. Even for charging, allowable temperatures range from 0°C to 50°C. Uniformity of cells is achieved through a quality control process which electronically screens cells as to capacity and impedance - which virtually eliminates the need for cell matching and thus enhances long term performance in cell assemblies.

Part Number	Nom. Volt.	Cap. @ 5 hr. mA	Standard Charge mA Hrs.	Quick Charge mA Hrs.	Diameter (max) In. mm	Height (max) In. mm	Weight oz. g
STANDARD CELLS							
PS-1/3AA	1.2	110	11	15	28	6.0	0.551 14.0 0.650 16.5 0.25 7
PS-AAA	1.2	220	22	15	45	6.0	0.413 10.5 1.752 44.5 0.35 10
PS-N	1.2	230	23	15	38	6.0	0.472 12.0 1.181 30.0 0.31 8.5
PS-2/3AA	1.2	300	30	15	85	4.5	0.571 14.5 1.181 30.0 0.46 13
PS-AA	1.2	600	60	15	180	4.5	0.571 14.5 1.890 48.0 0.74 21
PS-AAL	1.2	600	60	15	180	4.5	0.571 14.5 1.969 50.0 0.74 21
PS-2/3A	1.2	600	60	15	600	1.5	0.665 16.9 1.106 28.1 0.67 19
PS-4/5A	1.2	1000	100	15	1000	1.5	0.665 16.9 1.669 42.4 1.06 30
PS-A	1.2	1400	140	15	1400	1.5	0.669 17.0 1.969 50.0 1.16 33
PS-SC	1.2	1400	140	15	470	3.5	0.906 23.0 1.693 43.0 1.59 45
PS-C	1.2	2000	200	15	400	7.0	1.024 26.0 1.969 50.0 2.40 68
PS-CF	1.2	2400	240	15	800	3.5	1.024 26.0 1.880 47.8 2.65 75
PS-1/2D	1.2	2400	240	15	-	-	1.276 32.4 1.448 36.8 2.82 80
PS-D	1.2	4000	400	15	-	-	1.300 33.0 2.402 61.0 4.41 125
PS-DF	1.2	4500	450	15	900	6.5	1.276 32.4 2.308 58.6 4.57 130
PS-F	1.2	7000	700	15	-	-	1.283 32.6 3.591 91.2 8.15 231

Batteries - Rechargeable

POWER SONIC

Nickel-Cadmium Batteries cont'd

Part Number	Nom. Volt.	Cap. @ 5 hr. mAh	Standard Charge mA Hrs.	Quick Charge mA Hrs.	Diameter (max) In. mm	Height (max) In. mm	Weight oz. g
HIGH TEMPERATURE CELLS (H-TYPE)							
PS-1/3AAH	1.2	110	11 15	- -	0.571 14.5	0.669 17.0	0.25 7
PS-AAH	1.2	600	60 15	- -	0.547 13.9	1.870 47.5	0.74 21
PS-SCH	1.2	1500	150 15	- -	0.906 23.0	1.692 43.0	1.57 45
PS-CH	1.2	1800	180 15	- -	1.024 26.0	1.969 50.0	2.57 66
PS-1/2DH	1.2	2200	220 15	- -	1.271 32.3	1.448 36.8	2.82 80
PS-DH	1.2	4000	400 15	- -	1.300 33.0	2.402 61.0	4.41 125
PS-DHflat	1.2	4000	400 15	- -	1.276 32.4	2.308 58.6	4.73 134
PS-FH80	1.2	8000	800 15	- -	1.300 33.0	3.543 90.0	8.47 240
PCBM (Printed Circuit Board Mount) MEMORY SAVED CELLS							
PCBM-2.4	2.4	110	3.7 48	- -	0.571 14.5	1.350 34.5	0.53 15.0
PCBM-3.6	3.6	110	3.7 48	- -	0.571 14.5	2.015 52.0	0.79 22.5

POWER SONIC

Nickel-Cadmium Batteries cont'd

Part Number	Nom. Volt.	Cap. @ 5 hr. mAh	Standard Charge mA Hrs.	Quick Charge mA Hrs.	Diameter (max) In. mm	Height (max) In. mm	Weight oz. g
HIGH CAPACITY - RAPID CHARGE CELLS							
PS-AAXF	1.2	700	70 15	700 1.5	0.571 14.5	1.890 48.0	0.78 22
PS-SCXF	1.2	1800	180 150	1800 1.5	0.906 23.0	1.693 43.0	1.76 50
PS-CXF	1.2	2500	250 15	2500 1.5	1.024 26.0	1.969 50.0	2.54 72
PS-DXF	1.2	5000	500 15	5000 1.5	1.300 33.0	2.303 58.5	4.52 128
HIGH CAPACITY CELLS (X-TYPE)							
PS-AAX	1.2	700	70 15	230 5.0	0.571 14.5	1.890 48.0	0.78 22
PS-AASL	1.2	700	70 15	230 5.0	0.571 14.5	1.969 50.0	0.78 22
PS-850AA	1.2	850	85 15	255 4.5	0.567 14.4	1.890 48.0	0.81 23
PS-850AAL	1.2	850	85 15	255 4.5	0.567 14.4	1.969 50.0	0.81 23
PS-SCX	1.2	1500	150 15	- -	0.906 23.0	1.693 43.0	1.69 48
PS-CX	1.2	2500	250 15	- -	1.024 26.0	1.969 50.0	2.65 75
PS-DX	1.2	5000	500 15	- -	1.339 34.0	2.402 61.0	5.47 155
PS-FX	1.2	8000	800 15	4000 2.5	1.300 33.0	3.543 90.0	8.47 240

Battery Facts

Battery Care Tips

- You should charge your new battery a few times before using it. This is referred to as initializing or forming and will enable you to obtain maximum battery capacity.
- Nickel Cadmium Batteries can be fully discharged before recharging. (A full charge is suggested before storing.)
- Nickel Metal Hydride Batteries remain in a fully charged state when not in use. Storage is only acceptable up to 30 days without a charge.
- Lithium Ion Batteries should be charged by a charging system capable of proper shut-off.
- Lead-Acid Batteries can be stored indefinitely. They should be charged at 1/10th of their rated capacity.

Battery Types

Nickel Cadmium. (NiCD) The most popular type of rechargeable batteries used in the industry. Can be damaged by repeated charging without fully discharging. This is called the 'Memory Effect'.

Nickel Metal Hydride. (NiMH) These batteries offer capacities up to 30% higher per charge than NiCd batteries of the same physical size. They are less likely to be damaged by the 'Memory Effect'.

Lithium Ion. (LION) The newest rechargeable battery chemistry available. Lithium Ion is not affected by the 'Memory Effect'. It can deliver the same capacity and run time in a smaller, lighter pack. The chemistry is most popular in cellular and laptop products.

Sealed Lead Acid (aka: Gel-Cell) Primarily found in emergency lighting and burglar alarm applications. Designed for steady, constant charging with an infrequent, yet heavy discharge.

CSI/SPECO

Battery Charger

PS-612



Six volt/twelve volt DC charger/battery eliminator. 750MA regulated output. Excellent for charging 5/10 cell ni-cad gel cell or lead acid batteries. 30" cord with alligator clips.



Lead-Acid Chargers

Leadchg-6V
Leadchg-12V



On-board Chargers

2631-B



Guest has the widest range of standard on-board battery chargers in the industry. All charges feature three stage (bulk, absorption and float), auto-switching electronic design and all are potted in epoxy to insure they are water, shock and corrosion proof.

All chargers have thermal cut back capability, which prevents the battery from overheating during charging prolonging battery life. Many Guest chargers have Guest's exclusive Multi-Task (MTC) technology that allows one charger housing to service individual batteries in a bank. MTC chargers have dedicated cables for each battery, differentiated amperages to each battery and robust circuits designed for continuous use as a power supply.

Part Number	Input Voltage	Output Voltage	DC Amperage	Output Cable	DC Terminations	No. of Batteries
2631-36-B	115 AC	36V	10A @ 36V	1 cable, 6' long	Ring Terminals	(3) 36V
2745-36-B	115 AC	36V	15A @ 36V	1 set, 10' long	Ring Terminals	(3) 36V
2631-48-B	115 AC	12V, 24V, 36Vor48V	24A @ 12V (6A/6A/6A/6A)	4 sets, 6' long	Ring Terminals	(4) 12V or 48V
2745-1-230-B	230 AC	12V	45A @ 12V	1 set, 10' long	Ring Terminals	(1)
2631-230-B	230 AC	12V, 24V or 36V	30A @ 12V (10A/10A/10A)	3 sets, 6' long	Ring Terminals	(3)12V,24V or 36V
2745-230-B	230 AC	12V, 24V or 36V	45A @ 12V (15A/15A/15A)	3 sets, 10' long	Ring Terminals	(3) 12V,24V + 12Vor36V
2745-36-230-B	230 AC	36V	15A @ 36V	1 set, 10' long	Ring Terminals	(3) 36V
2607-B	115 AC	12V or 24V	6A @ 12V (3A/3A)	2 sets, 4' long	Ring Terminals	(2) 12V or (1)24V
2611-B	115 AC	12V or 24V	10A @ 12V (5A/5A)	2 sets, 4' long	Ring Terminals	(1) 6V
2611-1-B	115 AC	24V	5A @ 24V	1 set, 4' long	Ring Terminals	(2) 24V
2903-1-24	115 AC	24V	3A @ 24V	1 set, 8' long	3 pin AMP connectors	(2) 12V
2903-1-230	230 AC	24V	3A @ 24V	1 set, 8' long	3 pin AMP connectors	(2) 24V



On-board Chargers (cont.)

Part Number	Input Voltage	Output Voltage	DC Amperage	Output Cable	DC Terminations	No. of Batteries
2605A-1-24	115 AC	24V	5A @ 24V	1 set, 8' long	3 pin AMP connectors	(2) 12V
2605A-1-230	230 AC	24V	5A @ 24V	1 set, 8' long	3 pin AMP connectors	(2) 24V
2605A-1-230UK	230 AC	24V	5A @ 24V	1 set, 8' long	3 pin AMP connectors	(2) 24V
2608-B	115 AC	12V	6A @ 12V	1 set, 4' long	Alligator Clips	(1) 6V
2633-B	115 AC	12V	30A @ 12V (20A/10A)	1 set, 4' long	Alligator Clips	(1) 12V
2614-B	115 AC	12V	15A @ 12V (10A/5A)	1 set, 4' long	Alligator Clips	(1) 12V
2622-B	115 AC	12V or 24V	20A @ 12V (10A/10A)	1 set, 4' long	Alligator Clips	(1) 12V
2633-230-B	230 AC	12V	30A @ 12V (20A/10A)	1 set, 4' long	Alligator Clips	(1) 12V
2610-B	115 AC	12V	10A @ 12V	1 set, 4' long	Alligator Clips	(1) 12V
2610-230-B	230 AC	12V	10A @ 12V	1 set, 4' long	Alligator Clips	(1) 12V
2730-1-B	115 AC	12V	30A @ 12V	1 set, 6' long	Ring Terminals	1 or 2 in parallel
2613-B	115 AC	12V or 24V	13A @ 12V (5A/5A/3A)	3 sets, 4' long	Ring Terminals	(3)12V + 24V or (3) 12V
2620-B	115 AC	12V or 24V	20A @ 12V (10A/10A)	2 sets, 6' long	Ring Terminals	(2)12V or (1) 24V
2730-B	115 AC	12V or 24V	30A @ 12V (15A/15A)	2 sets, 10' long	Ring Terminals	(2)12V or (1) 24V
2620-1-B	115 AC	24V	10A @ 24V	1 set, 6' long	Ring Terminals	(2) 24V
2730-24-B	115 AC	24V	15A @ 24V	1 set, 10' long	Ring Terminals	(2) 24V
2730-1-230-B	230 AC	12V	30A @ 12V (15A/15A)	2 sets, 10' long	Ring Terminals	(2)12V or (1) 24V
2620-230-B	230 AC	12V or 24V	20A @ 12V (10A/10A)	2 sets, 6' long	Ring Terminals	(2) 12V or 24V
2730-230-B	230 AC	12V or 24V	30A @ 12V (15A/15A)	2 sets, 10' long	Ring Terminals	(2) 12V or 24V
2730-24-230-B	230 AC	24V	15A @ 24V (15A/15A)	2 sets, 10' long	Ring Terminals	(2) 24V
2745-1-B	115 AC	12V	45A @ 12V	1 set, 6' long	Ring Terminals	1 to 3 in parallel
2623-B	115 AC	12V or 24V	23A @ 12V (10A/10A/3A)	3 sets, 6' long	Ring Terminals	(2) 12V or 24V + (1) 12V
2631-18-B	115 AC	12V, 24V or 36V	18A @ 12V (6A/6A/6A)	3 sets, 6' long	Ring Terminals	(3) 12V, 24v +12V or 36V
2631-B	115 AC	12V, 24V or 36V	30A @ 12V (10A/10A/10A)	3 sets, 6' long	Ring Terminals	(3) 12V, 24v +12V or 36V
2745-B	115 AC	12V, 24V or 36V	45A @ 12V (15A/15A/15A)	3 sets, 10' long	Ring Terminals	(3) 12V, 24v +12V or 36V

Batteries - Chargers

MARINCO
GUEST

Portable Battery Chargers

Perfect for car, tractor, boat and motorcycle, flooded, or gel cell batteries the 2602 series features sophisticated two-stage electronic control that precisely regulates replacement current to equal battery (storage) discharge. Can be left on indefinitely without ever charging or boiling the battery. Includes 6V and 12V output and international 230 volt input variations. Keeps 5 to 125 amp batteries factory fresh.



Part Number	Input Voltage	Output Voltage	DC Amperage	Output Cable	DC Terminations	No. of Batteries
2602-6	115 AC	6V	0.5A @ 6V	1 set, 4' long	Alligator Clips	(1)6V
2602-B	115 AC	12V	0.5A @ 12V	1 set, 4' long	Alligator Clips	(1)12V
2602-50-230	230 AC	12V	0.5A @ 12V	1 set, 4' long	Alligator Clips	(1)12V

Guest's 2606 (6 amp) and 2612 (10 amp) portable battery chargers use sophisticated, three stage, auto-switching, electronic technology. They can be used to charge flooded, gel cell and AGM batteries. The three stages include bulk, for fast charging, followed by absorption for efficient charging to maximum (98%) capacity and float to maintain maximum charge without over charging. The 2606 and 2612A are water, shock and corrosion proof because they are completely potted in epoxy.



Part Number	Input Voltage	Output Voltage	DC Amperage	Output Cable	DC Terminations	No. of Batteries
2606-B	115 AC	12V	6A @ 12V	1 set, 4' long	Alligator Clips	(1)12V
2612A-B	115 AC	12V	10A @ 12V	1 set, 4' long	Alligator Clips	(1)12V

"Should I spend the extra money for rechargeable batteries?"

The charger and rechargeable batteries may be more expensive initially, but over time you may end up saving money with the rechargeables. In higher drain applications you may want to consider the Lithium AA, and if you have a wall clock, or some other slow drain, steady, low temperature application, the General Purpose, or Heavy Duty may be better for you.

POWER PS SONIC

Sealed Lead Acid Battery Chargers

Electronically regulated, current limited chargers for sealed lead-acid type batteries. Wall mount plug-in design for 250, 300, 500, 800 series and 61000A; counter top design for 241000A, 2000, 4000 and 10A series.



PSC-124000A

Operating temperature range is 32°F - 104°F (0°C - 40°C). Input voltage is 110/120 VAC, 60Hz. PSC-122000A and PSC-241000A can be switched to accept 220/230 VAC, 50 Hz. LEDs - For 250A and 500A series: "Power On" and "Charging Mode" (ON=high-rate charging, OFF=float charging). For 300, 800, 1000, and 10A series: "Float" and "Fast Charge" indicators. For 2000A, 241000A and 4000 series: single tri-color indicator. Hi-impact resistant thermo-plastic housing for 250, 300, 500, and 800 series; metal housing for 1000, 2000, 4000 and 10A series. Screw-type terminals for 250 and 500 series, I/O cord with battery connectors for 300, 800, 1000, 2000, 4000 and 10A series chargers.

Characteristics:

"F" Series - Float chargers are designed to provide optimum life for batteries used in standby applications where charging is continuous. The chargers deliver a constant voltage of 2.25 to 2.30 volts per cell which allow the battery to seek its own current level and maintain itself in a fully charged condition. This series is best suited for burglar and fire alarm equipment, emergency lighting, memory protection or UPS systems where the battery serves as back-up to the AC source.

"A" Series - Automatic dual rate chargers sense battery requirements and automatically switch from the fast charge to float mode, or vice versa. LED's provide visual indication of the charging mode. Automatic chargers combine the advantages of float and cycle chargers; recharge time is short yet batteries are safe from being overcharged. This charger is ideal for cyclic applications where recharge time is critical and the battery may be left on charge indefinitely. As a result charging is fool-proof.

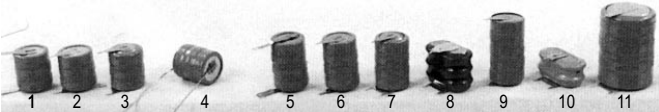
Part No.	Output Voltage (v)		Output Current (a)		Type	Dimensions (in) L x W x H
	Nom.	Range	Nom.	Max.		
PSC-6250F	6	6.83	.30	.40	Fixed volt float	2.20 x 1.96 x 1.88
PSC-6250A	6	6.75/7.35	.30	.40	Dual volt auto	2.20 x 1.96 x 1.88
PSC-6300A	6	6.84/7.35	.30	.30	Dual volt auto	2.75 x 2.75 x 3.75
PSC-6500A	6	6.75/7.35	.60	.75	Dual volt auto	2.55 x 1.88 x 2.89
PSC-61000A	6	6.84/7.35	1.00	1.00	Dual volt auto	2.75 x 2.75 x 3.75
PSC-64000A	6	6.75/7.35	3.50	4.00	Dual volt auto	5.70 x 5.80 x 3.30
PSC-12250F	12	13.65	.25	.40	Fixed volt float	2.20 x 1.96 x 1.88
PSC-12250A	12	13.50/14.70	.25	.40	Dual volt auto	2.20 x 1.96 x 1.88
PSC-12300A	12	13.68/14.70	.30	.30	Dual volt auto	2.75 x 2.75 x 3.75
PSC-12500F	12	13.65	.50	.60	Fixed volt float	2.55 x 1.88 x 2.89
PSC-12500A	12	13.50/14.75	.50	.60	Dual volt auto	2.55 x 1.88 x 2.89
PSC-12800A	12	13.68/14.70	.80	.80	Dual volt auto	2.75 x 2.75 x 3.75
PSC-122000A	12	13.50/14.70	2.00	2.00	Dual volt auto	5.55 x 3.60 x 2.90
PSC-124000A	12	13.50/14.70	4.00	4.75	Dual volt auto	6.65 x 5.30 x 3.40
PSC-124000AP	12	13.50/14.70	4.00	3.50/2.50	Chgr/Power Supply	6.65 x 5.30 x 3.40
PSC-12-10A	12	13.50/14.70	10.00	10.00	Dual volt auto	7.95 x 6.10 x 4.50
PSC-241000A	24	27.00/29.40	1.00	1.00	Dual volt auto	5.55 x 3.60 x 2.90

Lithium Computer Packs



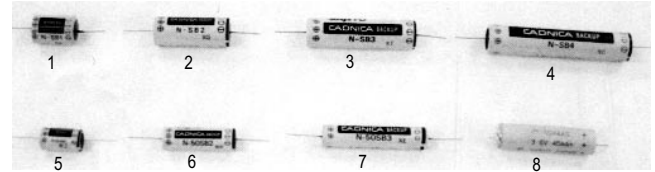
Part Number	Volts	Capacity mAh	Dimensions L x W x H (mm)
COMP-8	3.6	1900	62 x 18 x 16
COMP-26	3.6	1900	62 x 18 x 16
COMP-42	3.6	1900	62 x 18 x 16
COMP-43	3.6	1900	62 x 18 x 16
COMP-45	3.6	1900	62 x 18 x 16
COMP-59	3.6	850	28.6 x 16.8
COMP-10	6	1900	59 x 38 x 20
COMP-12	6	1600	33.8 x 19.5 x 35.9
COMP-14	6	1700	68.1 x 18.2
COMP-25	6	1400	64 x 41 x 15
COMP-22	6.8	1900	59 x 38 x 20
COMP-9	7.2	1900	59 x 38 x 20
COMP-11	4.5	1150	60 x 28 x 22
COMP-11SML	4.5	800	25 x 19 x 28

Ni-Cad Computer Packs/Memory Backup

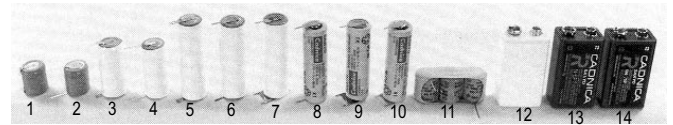


Pic. #	Part Number	Volts	Capacity mAh	Termination
1	COMP-16-1	3.6	60	SOLDER TAB
2	COMP-16-2	3.6	60	2 PIN PC MOUNT
3	COMP-16-3	3.6	60	3 PIN PC MOUNT
4	COMP-16-5	3.6	60	AXIAL LEADS
5	COMP-17-1	4.8	60	SOLDER TAB
6	COMP-17-2	4.8	60	2 PIN PC MOUNT
7	COMP-17-3	4.8	60	3 PIN PC MOUNT
8	COMP-18-3	3.6	100	3 PIN PC MOUNT
9	COMP-19-2	6.0	60	2 PIN PC MOUNT
10	COMP-21-3	2.4	100	3 PIN PC MOUNT
11	COMP-40-3	4.8	280	3 PIN PC MOUNT

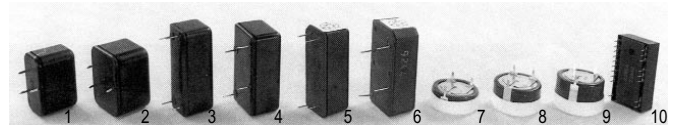
Ni-Cad Computer Packs/Memory Backup - cont'd



Pic. #	Part Number	Volts	Capacity mAh	Termination
1	COMP-57	1.2	90	AXIAL LEAD
2	COMP-34	2.4	90	AXIAL LEAD
3	COMP-35	3.6	90	AXIAL LEAD
4	COMP-36	4.8	90	AXIAL LEAD
5	COMP-51	1.2	45	AXIAL LEAD
6	COMP-50	2.4	45	AXIAL LEAD
7	COMP-52	3.6	45	AXIAL LEAD
8	COMP-67	3.6	45	WIRE PINS



1	COMP-37-1	1.2	110	SOLDER TAB
2	COMP-37-2	1.2	110	2 PIN PC MOUNT
3	COMP-38-1	2.4	110	SOLDER TAB
4	COMP-38-2	2.4	110	2 PIN PC MOUNT
5	COMP-39-1	3.6	110	SOLDER TAB
6	COMP-39-2	3.6	110	2 PIN PC MOUNT
7	COMP-39-3	3.6	110	3 PIN PC MOUNT
8	COMP-41-2	1.2	600	2 PIN PC MOUNT
9	COMP-41-3	1.2	600	3 PIN PC MOUNT
10	COMP-41-3R	12	600	3 PIN PC MOUNT (2 PIN-1 PIN+)
11	COMP-46	3.6	110	2 PIN PC MOUNT
12	9V-7.2	7.2	100	9V SNAPS
12	9V-8.4	8.4	100	9V SNAPS
13	N-6PT	7.2	120	9V SNAPS
14	6N-75P	7.2	75	9V SNAPS



1	COMP-23	2.4	100	3 PC PINS
2	COMP-23-3.6	3.6	100	3 PC PINS
3	COMP-24-2.4	2.4	100	4 PC PINS
4	COMP-24-3.6	3.6	100	4 PC PINS
5	COMP-44	2.4	90	4 PC PINS
6	COMP-62	3.6	90	4 PC PINS
7	COMP-53	2.4	100	3 PC PINS
8	COMP-54	3.6	100	3 PC PINS
9	COMP-55	4.8	100	3 PC PINS
10	COMP-47	-	-	24 PIN IC CHIP

Batteries - Lithium



Lithium Cylindrical Cells

Part Number	Volts	Capacity mAh	Dimensions (mm) Diameter x Height	Termination
COMP-15	3V	160	11.6 x 10.8	-
COMP-15-1	3V	160	11.6 x 10.8	1
COMP-15-3	3V	160	11.6 x 10.8	3
COMP-7	3V	850	14.5 x 25.0	-
COMP-7-2	3V	850	14.5 x 25.0	2
COMP-7-5	3V	850	14.5 x 25.0	5
COMP-3	3V	1400	12.0 x 60.0	-
COMP-3-1	3V	1400	12.0 x 60.0	1
COMP-29	3V	1800	17.0 x 33.5	-
COMP-29-1	3V	1800	17.0 x 33.5	1
COMP-5	3V	1200	17.0 x 33.5	-
COMP-5-1	3V	1200	17.0 x 33.5	1
COMP-5-2	3V	1200	17.0 x 33.5	2
COMP-5-3	3V	1200	17.0 x 33.5	3
COMP-70	3V	2000	14.75 x 50.5	-

Part Number	Volts	Cap. mAh	Dims (mm) Diam. x Height	Cell Size	Termination
COMP-4	3.6	850	14.7 x 25.2	1/2AA	-
COMP-4-1	3.6	850	14.7 x 25.2	1/2AA	1
COMP-4-5	3.6	850	14.7 x 25.2	1/2AA	5
LITH-21	3.6	1200	14.7 x 25.2	1/2AA	-
LITH-6	3.6	850	14.7 x 25.2	1/2AA	-
LITH-6-1	3.6	850	14.7 x 25.2	1/2AA	1
LITH-6-5	3.6	850	14.7 x 25.2	1/2AA	5
COMP-4-MAX	3.6	750	14.5 x 30.5	1/2AA	-
COMP-4-SAFT	3.6	800	14.5 x 25.2	1/2AA	-
COMP-6	3.6	1900	14.7 x 50.5	AA	-
COMP-6-1	3.6	1900	14.7 x 50.5	AA	1
COMP-6-2	3.6	1900	14.7 x 50.5	AA	2
COMP-6-5	3.6	1900	14.7 x 50.5	AA	5
COMP-65	3.6	2400	14.7 x 50.5	AA	-
COMP-65-5	3.6	2400	14.7 x 50.5	AA	5
LITH-11	3.6	1900	14.7 x 50.5	AA	-
COMP-6-MAX	3.6	1900	14.5 x 50.5	AA	-
COMP-6-SAFT	3.6	1900	14.5 x 50.5	AA	-
LITH-14	3.6	5200	26.2 x 50.0	C	-
LITH-15	3.6	13500	32.9 x 61.5	D	-
COMP-29-5-MAX	3.6	1500	17.0 x 36.0	2/3A	5
COMP-66	3	1400	16.0 x 35.0	-	9V

Lithium Wafer Cells



Pic. #	Part Number	Volts	Capacity mAh	Dimensions Diameter x Height
1	COMP-20	3.6	1500	32.9 x 10.0
2	COMP-24	3.6	1000	32.9 x 6.5
3	COMP-28	3.6	370	22.5 x 6.5
4	COMP-28SM	3.6	370	24.5 x 9.5
--	COMP-69	3	280	30.0 x 30.0



Lithium 3 Volt Coin Cells



Part Number	mAh	Diam. x Height (mm)
LITH-25	30	10 x 2.5
LITH-26	25	12 x 1.6
LITH-31	25	12 x 1.6
LITH-1	35	12 x 2.0
LITH-2	40	12 x 2.5
LITH-20	50	16 x 1.6
LITH-3	60	16 x 2.0
LITH-24	55	20 x 1.2
COMP-30	75	20 x 1.6
LITH-4	75	20 x 1.6
LITH-27	100	20 x 2.0
COMP-31	150	20 x 2.5
COMP-32	200	20 x 3.2
LITH-23	280	20 x 4.0
LITH-30	120	23 x 2.0
LITH-5	110	23 x 2.0
COMP-2	175	23 x 2.5
COMP-60	255	23 x 3.0
COMP-61	560	23 x 5.4
COMP-1	270	24 x 3.0
COMP-33	550	24 x 5.0



Procell® Electronic Lithium Batteries PL123A

Designed for medical and electronic equipment. Optimum performance in applications such as glucose meters, pagers, penlights and TV remote controls. Bulk packaged. Size - 123A. Voltage - 3.0. Maximum diameter - .669". Maximum height - 1.358". Rated capacity - 1,400 mAh at 100Ω to 2.0V at 20°C (68°F). Average weight - 0.60 oz (17.0g). Terminals - Flat, recessed negative terminal. Operating temperature range is -40°F to 140°F (-40°C to 60°C).



Electronic/Medical Lithium Batteries

The Energizer® L522FP lithium battery outlasts alkaline batteries substantially in pulse oximeters and infusion pumps. The L522FP has a capacity of 1200 milliampere-hours. Supplies energy at a constant voltage over a wide range of discharge conditions. Requires no "air up" time and contains no mercury, cadmium or lead (requires no special disposal methods). Light weight and operates efficiently in temperature extremes (-40°C to 60°). The Energizer® L91 AA lithium battery is the first lithium product available in 1.5 volt.



L522FP

Part Number	Cell Type	Volt	Cap. mAh	Max Height mm(in.)	Max Diam. mm(in.)	Max Length mm(in.)	Max Width mm(in.)	Typical Weight gr.(oz.)
L522FP	9V	9.0	1200	48.8 (1.92)	--	25.9 (1.02)	16.9 (0.66)	34.4 (1.20)
L91	AA	1.5	2600	50.5 (1.99)	14.3 (0.56)	--	--	15 (0.53)

Batteries - Lithium



Lithium Coin Batteries

Designed for applications that require a lot of power in a small amount of space. High energy density and stable voltage rate. Operate efficiently over a broad range of temperatures. Excellent shelf life - lithium cells are ready-for-use after 10 years of storage. Commercial applications: watches, memory backup, pagers, electronic devices, calculators, security devices, electronic organizers and keyless entry.



Part Number	Capacity mAh	Max Height mm (in)	Max Diam. mm (in)	Typ. Weight gr. (oz)
ECR1025	30	2.5 (0.09)	10.0 (0.39)	0.7 (0.02)
ECR1216	28	1.6 (0.06)	12.5 (0.49)	0.7 (0.02)
ECR1220	38	2.0 (0.08)	12.5 (0.49)	0.7 (0.02)
ECR1225	45	2.5 (0.09)	12.5 (0.49)	0.9 (0.03)
ECR1616	50	1.6 (0.06)	16.0 (0.63)	1.2 (0.04)
ECR1620	65	2.0 (0.08)	16.0 (0.63)	1.4 (0.05)
ECR2012	58	1.2 (0.05)	20.0 (0.79)	1.2 (0.04)
ECR2016	80	1.6 (0.06)	20.0 (0.79)	1.9 (0.07)
ECR2025	155	2.5 (0.09)	20.0 (0.79)	2.8 (0.09)
ECR2032	190	3.2 (0.13)	20.0 (0.79)	3.3 (0.12)
ECR2320	135	2.0 (0.08)	23.0 (0.91)	3.0 (0.10)
ECR2430	290	3.0 (0.12)	24.0 (0.94)	4.6 (0.16)



Batteries - Carbon Zinc



Heavy Duty Carbon Zinc

Premium power at an economical price. Suitable for moderate-to-heavy current drains or regular use. Excellent leakage resistance - even after 3 years of storage. No added mercury (only natural trace amounts present). Require no special method of disposal. Commercial applications: Portable audio devices, smoke detectors, remote controls, flashlights, lanterns and clocks.



Part Number	Cell Type	Volts	Capacity mAh	Max Hght. mm (in)	Max Diam. mm (in)	Max Lght. mm (in)	Max Width mm (in)	Typical Weight gr (oz)
EV115	AA	1.5	1000	50.1 (1.97)	14.3 (0.56)	—	—	15 (0.5)
EV122	9V	9.0	350	48.4 (1.91)	—	26.4 (1.04)	16.7 (0.66)	36 (1.3)
EV135	C	1.5	3200	49.8 (1.96)	—	—	26.2 (1.03)	45 (1.6)
EV150	D	1.5	6800	61.5 (2.42)	—	—	34.1 (1.34)	89 (3.1)



General Purpose Carbon Zinc Batteries

Provides an economical, dependable power source. Suitable for low-to-moderate periodic power needs. No added mercury (only natural trace amounts present.) Commercial applications: Smoke detectors, remote controls, radios, flashlights, lanterns and electronic applications.



Part Number	Cell Type	Volts	Capacity mAh	Max Hght. mm (in)	Max Diam. mm (in)	Max Lght. mm (in)	Max Width mm (in)	Typical Weight gr (oz)
EV190	Lantern	6.0	6900	112.0 (4.41)	—	66.7 (2.63)	66.7 (2.63)	625 (22.0)
EV131	Lantern	6.0	10600	125.4 (4.94)	—	136.5 (5.37)	73.0 (2.87)	1.25k (44.1)
510S	Lantern	6.0	5000	109.5 (4.31)	—	66.7 (2.63)	66.7 (2.63)	632 (22.3)

Batteries - Alkaline



Standard Alkaline Batteries



Part No.	Size	Volts	Cap. (mAh)
ALK-D	D	1.5	14,800
ALK-C	C	1.5	6,600
ALK-AA	AA	1.5	2,200
ALK-AAA	AAA	1.5	850
ALK-AAAA	QUAD A	1.5	550
ALK-9V	9V	9	550
ALK-J	J	6	550
ALK-12V	-	12	33
ALK-11A	-	6	33
ALK-27A	-	12	18
ALK-25A	-	9	18
LITH-9V	9V	9	1200



PROCELL® Popular Alkaline Batteries



Provides the same performance and quality as Duracell Copper Top® batteries and delivers outstanding performance and reliability. Long lasting and dependable - even after five years of storage. Last up to five times longer than super heavy duty batteries. Long service life at high drain discharges. Operate reliably in temperature extremes of -4°F to 130°F (-20°C to 54°C). Date coded to ensure freshness. Economical bulk packaging for professional applications. Contain no added mercury.

Part No.	Size	V	Max. Dia. (in)	Max. Hght. (in)	Avg. Wght oz (g)	Max. Vol. in³ (cm³)	Terms.	Primary Usage
PC1300	D	1.5	1.346	2.421	4.86 (138.0)	3.44 (56.4)	Flat	Flashlights, Radios
PC1400	C	1.5	1.031	1.969	2.29 (65.0)	1.64 (26.9)	Flat	Flashlights, Radios, Tape Recorders
PC1500	AA	1.5	0.571	1.988	0.83 (23.6)	0.51 (8.4)	Flat	Pagers, Remotes, Flashlights, Calculators
PC1604	9V	9.0	1.043	1.909	1.62 (45.9)	1.39 (22.8)	Mini Snap	Infusion Pumps, Wireless Microphones, Smoke Alarms, Radios
PC2400	AAA	1.5	.413	1.752	0.39 (11.0)	0.23 (3.8)	Flat	Pagers, Flashlights TV Remotes

PROCELL® Electronic Alkaline Batteries



Designed specifically for medical and electronic equipment. Provide optimum performance in applications such as glucose meters, pagers, penlights and TV remote controls. Features: Bulk packaged. Long lasting, dependable performance and quality. Operating temperature range is -4°F to 130°F (-20°C to 54°C).

Part No.	Size	V	Max. Dia. (in)	Max. Hght. (in)	Rated Capacity	Avg. Wght oz (g)	Max. Vol. in³ (cm³)	Terms.	Primary Usage
PC9100	N	1.5	.472	1.189	800mAh at 100Ω to 0.8V at 21°C	0.34 (9.6)	0.21 (3.4)	Flat	Photo, Pagers, Calculators, Medical Equipment
PC7K67	J	6.0	1.402	1.909	580mAh at 340Ω to 3.2V at 21°C	1.20 (34.0)	0.96 (15.7)	Recessed Flat	Glucose Meters, TV Remotes



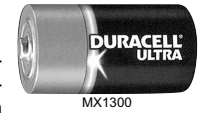
Procell® Alkaline Lantern Batteries



Last up to twice as long as super heavy duty batteries and provide an extra measure of leakage resistance for critical applications. Long shelf life. Reliable performance at temperature extremes of -4°F to 130°F (-20°C to 54°C). Date coding to ensure freshness. Bulk packaging.

Part No.	Volts	Max. Lgth. (in)	Max. Wdth. (in)	Max. Hght. (in)	Average Wght. oz (g)	Average Vol. in³ (cm³)	Terminals
PC903	7.5	7.250	4.062	3.749	78.37 (2,222.6)	106.0 (1,737)	Insulated Screw
PC908	6.0	2.685	2.685	4.528	21.60 (612g)	29.75 (487.5)	Coiled Springs
PC915	6.0	2.685	2.685	4.409	21.60 (612g)	29.20 (478.5)	Insulated Screw
PC918	6.0	2.874	5.37	5.0	44.80 (1,270g)	72.04 (1,180.6)	Insulated Screw

Duracell® Ultra Alkaline Batteries



High-power alkaline batteries that are specifically designed to meet the unique power requirements of today's most demanding devices. Seven year freshness guarantee with built in PowerCheck™ energy tester on every battery. Lasts up to 50% longer.

Part No.	Size	Volts	Maximum Diameter (in)	Maximum Height (in)	Primary Usage
MX1300	D	1.5	1.346	2.421	High-Intensity Flashlights, Portable Color TVs and Stereos
MX1400	C	1.5	1.031	1.969	Portable Stereos, High Intensity Flashlights and Performance Toys
MX1500	AA	1.5	0.571	1.988	Flash Cameras, Digital Cameras, CD players
MX1604	9V	9.0	1.043	1.909	Smoke Alarms, Toys, Wireless Transmission Devices
MX2400	AAA	1.5	.413	1.752	Flash Cameras, Wireless Communication/Transmission devices

Duracell® Popular Alkaline Batteries



Duracell Copper Top® alkaline batteries are the preferred brand of consumer batteries in the United States, leading the alkaline category with the largest share of market. Duracell alkaline batteries are widely available at most major food, drug and mass merchandiser retail outlets and were first to include "freshness dating" on the packaging.

Part Number	Size	Volts	Maximum Diameter (in)	Maximum Height (in)	Primary Usage
MN1300	D	1.5	1.346	2.421	Flashlights, Radios, Recorders, Toys
MN1400	C	1.5	1.031	1.969	Flashlights, Radios, Recorders, Toys
MN1500	AA	1.5	0.571	1.988	Flashlights, Radios, Recorders, Toys, Calculators, Pagers, CD Players, Electronic Games
MN1604	9V	9.0	1.043	1.909	Radios, Toys, Calculators, Smoke Alarms
MN2400	AAA	1.5	0.413	1.752	Flashlights, Calculators, Pagers, Remote Controls

Batteries - Alkaline



Special Application Alkaline Batteries

An environmentally safer alternative to mercury batteries. Twenty-five milligrams or less of added mercury per cell. Comply with battery disposal laws. Not classified as hazardous waste under federal regulations. Do not require any special disposal methods. Operating temperature range is -4°F to 130°F (-20°C to 54°C).



Part No.	V	Max. Dia. (in)	Max. Hght (in)	Rated Capacity	Avg. Wght oz (g)	Avg. Vol. in ³ (cm ³)	Terms.	Primary Usage
PC1A	1.5	.625	.645	650mAh at 220Ω to 0.9V at 21°C	0.28 (8.0)	0.20 (3.28)	Flat	Instruments, Scopes, Clocks
PC12A	1.5	1.346	1.988	2,200mAh at 25Ω to 0.9V at 21°C	0.850 (24.3)	0.600 (9.84)	Flat	Instruments, Pagers
PC132A	3.0	.673	1.315	650mAh at 440Ω to 1.8V at 21°C	0.595 (17.0)	0.432 (7.08)	Flat	Night Scopes, Instruments
PC133A	4.5	.673	1.965	650mAh at 660Ω to 2.7V at 21°C	0.875 (25.0)	0.659 (10.79)	Flat	Instruments, Consumer Electronics, Dental Equipt., Hearing Aids
PC134A	6.0	.673	2.620	650mAh at 880Ω to 3.6V at 21°C	1.19 (34.0)	0.878 (14.38)	Flat	Instruments
PC135A	7.5	.673	3.276	650mAh at 1,100Ω to 4.5V at 21°C	1.4875 (42.5)	1.10 (18.02)	Flat	Instruments
PC136A	9.0	.673	3.929	650mAh at 1,320Ω to 5.4V at 21°C	1.785 (51.0)	1.296 (21.24)	Flat	Instruments
PC164A	6.0	.673	1.767	325mAh at 400Ω to 3.6V at 21°C	0.77 (22.0)	0.591 (9.68)	Flat	Artificial Larynx, Holter Monitors, Instruments, Consumer Electronics
PC165A	7.5	.673	2.210	325mAh at 500Ω to 4.5V at 21°C	0.945 (27.5)	0.730 (11.96)	Flat	Handheld Receiver, Instruments, Dental Equipment
PC175A	7.5	.5	1.031	110mAh at 3,125Ω to 4.5V at 21°C	0.327 (9.35)	0.202 (3.31)	Flat	Invisible Fence Pet Collar, Instruments Power Microphones
PC177A	10.5	.510	1.856	110mAh at 4,375Ω to 6.3V at 21°C	0.49 (14.0)	0.350 (5.75)	Snap Contact	Garage Door Opener, Power Microphone, Consumer Electronics
PC640A	1.5	.625	.440	325mAh at 100Ω to 0.9V at 21°C	0.168 (4.8)	0.13 (2.13)	Flat	Transistor Radios, Instruments



Electronic/Medical Alkaline Batteries

Energizer® Electronic/Medical alkaline batteries provide reliable service in glucose meters, pagers and TV remotes - and contain no added mercury.



Part Number	Cell Type	Volt.	Capacity mAh	Max Hght. mm (in)	Max Diam. mm (in)	Max Lght. mm (in)	Max Width mm (in)	Typical Weight gr (oz)
EN90	N	1.5	720	29.3 (1.15)	11.9 (0.47)	—	—	9.0 (0.32)
EN539	J	6.0	540	48.3 (1.90)	—	35.6 (1.40)	9.0 (0.35)	30.0 (1.06)



Industrial Alkaline Batteries

Energizer® Industrial Alkaline batteries are designed for today's heavy current or continuous applications. Offer the longest lasting power source of all primary batteries over a range of sizes. No mercury added so special disposal is not required. Operates well in temperature extremes (-30° to 55°C). Excellent shelf life - alkaline cells are ready-for-use after 5 years of storage. Commercial applications - telemetry, holter, blood glucose monitor, blood pressure/pulse monitors, tens units, external infusion pumps, pulse oximeter, portable communication, cameras, audio devices, high-powered flashlights, pagers and TV remotes.



Part Number	Cell Type	Volt.	Capacity MAh	Max Hght. mm (in)	Max Diam. mm (in)	Max Lght. mm (in)	Max Width mm (in)	Typical Weight gr (oz)
EN22	9V	9.0	500	48.4 (1.91)	—	26.2 (1.03)	16.6 (0.65)	45.6 (1.6)
EN91	AA	1.5	2450	50.5 (1.98)	14.3 (0.56)	—	—	23 (0.8)
EN92	AAA	1.5	1100	44.5 (1.75)	10.5 (0.41)	—	—	11.5 (0.4)
EN93	C	1.5	7200	50.0 (1.96)	26.2 (1.03)	—	—	66.2 (2.3)
EN95	D	1.5	17000	61.1 (2.41)	34.1 (1.34)	—	—	141.9 (5.0)
EN6	Ignitor	1.5	45000	170.0 (6.69)	66.7 (2.63)	—	—	482 (17.0)
EN529	Lantern	6.0	21000	115.0 (4.52)	—	66.7 (2.63)	66.7 (2.63)	885 (31.2)
EN715	Lantern	7.5	39000	97.0 (3.82)	—	184.2 (7.25)	103.2 (4.06)	2300 (81.1)

Industrial Special Application Batteries

Energizer® Industrial Special Application Alkaline batteries are environmentally better alternatives to replace discontinued Eveready Special Application mercury batteries. Contain 25 milligrams or less of mercury per cell. Comply with state and federal disposal laws. Not classified as hazardous waste under federal regulations. Do not require any special disposal method. Commercial applications: instruments, medical, pagers, hearing aids, photo and radio.



Part Number	Cell Type	Volt.	Capacity mAh	Max Hght. mm (in)	Max Diam. mm (in)	Max Lght. mm (in)	Max Width mm (in)	Typical Weight gr (oz)
EN1A	Button	1.5	650	16.38 (.645)	15.88 (0.625)	—	—	8 (0.28)
EN132A	Cyl.	3.0	650	33.4 (1.32)	17.10 (0.673)	—	—	17 (0.60)
EN134A	Cyl.	6.0	650	66.55 (2.62)	17.10 (0.673)	—	—	14.4 (0.88)
EN135A	Cyl.	7.5	650	83.2 (3.27)	17.10 (0.673)	—	—	42.5 (1.49)
EN165A	Cyl.	7.5	325	114.9 (2.21)	17.10 (0.673)	—	—	27.5 (0.95)
EN175A	Cyl.	7.5	110	26.2 (1.03)	12.70 (0.50)	—	—	9.4 (0.33)
EN640A	Button	1.5	325	11.18 (0.44)	15.88 (0.625)	—	—	4.8 (0.17)

Batteries - Nickel



Nickel Metal Hydride Batteries

Cylindrical

Part No.	Volts	Cap. mAh	Diameter x Height	
			mm	inches
NMH-AAA450	1.2	450	10.5 x 44.5	.41 x 1.75
NMH-AAA650	1.2	650	10.5 x 50.0	.41 x 1.97
NMH-4/5AA1200	1.2	1200	14.5 x 43.0	.57 x 1.69
NMH-AA1300	1.2	1300	14.5 x 50.0	.57 x 1.97
NMH-AAL1800	1.2	1800	14.5 x 65.0	.57 x 2.56
NMH-4/5A1600	1.2	1600	17.0 x 43.0	.67 x 1.69
NMH-4/5A1800	1.2	1800	17.0 x 43.0	.67 x 1.69
NMH-A1800	1.2	1800	17.0 x 50.0	.67 x 1.97
NMH-A2100	1.2	2100	17.0 x 50.0	.67 x 1.97
NMH-AL3000	1.2	3000	17.0 x 67.0	.67 x 2.64
NMH-4/3AL3500	1.2	3500	17.0 x 67.0	.67 x 2.64

Prismatic

Part No.	Volts	Cap. mAh	Diameter x Height	
			mm	inches
NMH-P600	1.2	650	17.3 x 6.1 x 48.2	.68 x .24 x 1.90
NMH-P850	1.2	850	17.3 x 6.1 x 67.3	.68 x .24 x 2.65
NMH-P950	1.2	950	17.3 x 6.1 x 67.3	.68 x .24 x 2.65

Ni-Cad/Nickel Metal Hydride Batteries



Button Cells

Part No.	Volts	Cap. mAh	Diameter x Height	
			mm	inches
11FSS	1.2	11	11.5 x 3.1	.453 x .122
11FSNMH	1.2	11	11.5 x 3.1	.453 x .122
30FSS	1.2	30	11.5 x 5.35	.453 x .211
30FSNMH	1.2	30	11.5 x 5.35	.453 x .211
50FSS	1.2	50	15.5 x 6.0	.611 x 2.36
60FSS	1.2	60	15.5 x 6.0	.611 x 2.36
70FSMH	1.2	70	15.5 x 6.0	.611 x 2.36
100FSS0	1.2	100	Oval	Oval
170FSS	1.2	170	25.1 x 6.7	.989 x .264
225FSS	1.2	225	25.1 x 9.1	.989 x .358
250FSMH	1.2	250	25.1 x 6.7	.989 x .264
280FSS	1.2	280	25.1 x 8.8	.989 x .347
300FSMH	1.2	300	25.1 x 7.55	.989 x .295
500FSS	1.2	500	34.4 x 10	1.35 x .394
5SS	1.2	5	11.5 x 2.1	.453 x .082
30SS	1.2	30	11.6 x 5.4	.457 x .213
60SS	1.2	60	15.5 x 6.2	.611 x .244
100SS	1.2	100	15.3 x 7.8	.603 x .307
170SS	1.2	170	25.1 x 6.7	.989 x .264
280SS	1.2	280	25.1 x 9.0	.989 x .355

Ni-Cad Single Cells



Part No.	Volts	mAh	Diameter x Height	
			mm	inches
1/2AA-270	1.2	270	14.5 x 30	.571 x 1.18
1/2C-700	1.2	700	26 x 24	1.02 x .946
1/2SC-650	1.2	650	23 x 26	.906 x 1.02
1/3AA-110	1.2	110	14.5 x 17	.571 x .670
1/3AF-225	1.2	225	17 x 17	.670 x .670
2/3AF-600	1.2	600	17 x 28	.670 x 1.10
AAA-180	1.2	180	10.5 x 44.5	.414 x 1.75
AAA-250	1.2	250	10.5 x 44.5	.414 x 1.75
AA-500	1.2	500	14.2 x 50	.559 x 1.97
AA-700	1.2	700	14.2 x 50	.559 x 1.97
AA-800	1.2	800	14.2 x 50	.559 x 1.97
4/5AF-1000	1.2	1000	17 x 43	.670 x 1.69
AF-1200	1.2	1200	17 x 50	.670 x 1.97
AF-1400E	1.2	1400	17 x 50	.670 x 1.97
5/4AF-1700	1.2	1700	17 x 67	.670 x 2.64
4/5SCR-1000	1.2	1000	23 x 34	.906 x 1.34
SC-1200	1.2	1200	23 x 43	.906 x 1.69
SC-1300	1.2	1300	23 x 43	.906 x 1.69
SCR-1300	1.2	1300	23 x 43	.906 x 1.69
SC-1500	1.2	1500	23 x 43	.906 x 1.69
SC-1800	1.2	1800	23 x 43	.906 x 1.69
5/4SC-2300	1.2	2300	23 x 50	.906 x 1.97
C-1800	1.2	1800	26 x 50	1.02 x 1.97
D-1200	1.2	1200	34 x 61	1.34 x 2.40
D-4000	1.2	4000	34 x 61	1.34 x 2.40
D-5000	1.2	5000	34 x 61	1.34 x 2.40

Note: All above available with solder tabs, add WT to part number.

Ni-Cad Slim Line Cells



Part No.	Volts	mAh	Length x Width x Height	
			mm	inches
KF-B400	1.2	400	48 x 17 x 6.1	1.89 x .67 x 2.4
KF-A600	1.2	600	67 x 17 x 6.1	2.6 x .67 x 2.4
KF-B650	1.2	650	48 x 17 x 8.3	1.89 x .67 x .33
KF-A900	1.2	900	67 x 17 x 8.1	2.6 x .67 x .31
KF-A1200	1.2	1200	67 x 17 x 10.3	2.6 x .67 x .40

Battery Cross Reference

NEDA Part Number	Eveready Part No.	Panasonic Part Number	Ray-O-Vac Part No.	Duracell Part No.	IBC Part No.	Varta
Alkaline						
-	EN539	-	-	-	-	-
1109M	EN1A	-	-	PC1A	-	-
1113M	E12N	MR51	-	PC12A	-	-
1125M/1126A	EN640A	MR9	-	PC640A	-	-
1200A/1203M	EN132A	H-2P	-	PC132A	-	-
1306AP/1306A	EN133A	PX21/H-3P	-	PC133A	-	-
13AC/13A	EN95/E95	-	AL-D/813	MX1300/ MN1300/ PC1300	-	-
1409M/1409A	EN134A	-	-	PC134A	-	-
14AC/14A	EN93/E93	-	AL-C/814	MX1400/ MN1400/ PC1400	-	-
1501M/1501A	EN175A	HM-5C	-	PC175A	-	-
1505M/1505A	EN135A	-	-	PC135A	-	-
1506M/1500A	EN165A	-	-	PC165A	-	-
15AC/15A	EN91/E91	-	AL-AA/815	MX1500/ MN1500/ PC1500	-	-
1604AC/1604A	EN22/522	-	AL-9V/A1604	MX1604/ MN1604/ PC1604	6LR61	4022
1606M/1606A	EN177A	-	-	PC177A	-	-
1616M/1615A	EN136A	-	-	PC136A	-	-
24AC/24A	EN92/92	-	AL-AAA/824	MX2400/ MN2400/ PC2400	-	-
25A	E96	-	-	-	-	4061
410M/1404A	EN164A	-	-	PC164A	-	-
903AC	EN715	-	-	PC903	-	-
906AC	EN6	-	6 lgn. S	M905S2	-	-
908AC/908A	EN529	-	-	PC908	-	-
910AC	EN90	-	-	-	-	-
915AC	-	-	-	PC915	-	-
918AC/918A	521	-	-	PC918	-	-
Carbon Zinc						
13C	EV50	-	GP-D	M13SHD	-	-
13CD	EV150	UM1D	HD-D	M13SHD	-	-
14C	EV35	-	GP-C/WM-152	M14SHD	-	-
14CD	EV135	UM2D	HD-C	M14SHD	-	-
15C	EV15	-	GP-AA	M15SHD	-	-
15CD	EV115	UM3D	HD-AA	M15SHD	-	-
1604C	EV22	-	GP-9V	M9VSHD	-	-
1604CD	EV122	006PD	H-9V	M9VSHD	-	-
908C	EV90	-	GP-6V2/6V-FP	M908SHD2	-	-
908CD	EV90HP	-	-	-	-	-
Lithium						
5000LC	ECR2016	CR2016	-	DL2016	CR2016	CR2016
5003LC	ECR2025	CR2025	CR2025	DL2025	CR2025	CR2025
5004LC	ECR2032	CR2032	CR2032	DL2032	CR2032	CR2032
5008LC	2L76	-	-	DL1/3N	CR1/3N	CR1/3N
5009LC	ECR1620	CR1620	-	DL16202	-	CR1620
5011LC	ECR2430	-	CR2430	DL2430	-	CR2430
5021LC	ECR1220	CR1220	-	-	-	-
5033LC	ECR1025	CR1025	1025	DL1025	-	-
5034LC	ECR1616	CR1216	1216	DL1216	-	-
5035LC	ECR2012	CR2012	-	-	-	-
Rechargeable Batteries						
13A/13AC	NH50	-	-	-	-	-
14A/14AC	NH35	-	-	-	-	-
15A/15AC	NH15	-	-	-	-	-
1604A/1604AC	NH22	-	-	-	-	-
24A/24AC	NH12	-	-	-	-	-
5029LC	ECR2450	-	-	DL2450	-	CR2450

NEDA Part Number	Eveready Part No.	Panasonic Part Number	Ray-O-Vac Part No.	Duracell Part No.	IBC Part No.	Varta
Electronic Communication/Watch, Camera, Calculator, Photo, Hearing						
200	467	-	-	-	-	-
201	455	-	-	-	-	-
208	411	-	-	-	-	-
210	413	-	-	-	-	-
213	415	-	-	-	-	-
215	412	15	-	-	-	-
217	416	-	-	-	-	-
220	504	W10E	-	-	-	-
221	505	MV15E	-	-	-	-
700	711	-	-	-	-	-
710	763	-	-	-	-	-
722	493	-	-	-	-	-
728	489	-	-	-	-	-
741	497	-	-	PF497	-	-
903	715	-	903	-	-	-
926	732	-	926	-	-	-
1602	246	-	-	-	-	-
1603	276	-	-	-	-	-
1605	266	-	-	-	-	-
1611	206	-	-	-	-	-
-	317	-	317	D317	-	V317
-	319	-	319	D319	-	V319
-	EL1CR2	CR2	-	DLCR2	CR15H270	-
1130SO	303	SP303	303	D303/357	SR44	V303
1131SO	357	SP357	357	D303/357	SR44	V357
1132SO	301	SP301	301	D301/386	SR43	V301
1133SO	386	SP386	386	D301/386	SR43	V386
1134SO	384	SP384	384	D384/392	SR41	V384
1135SO	392	SP392	392	D384/392	SR41	W392
1137SO	393	SP393	393	D309/393	SR48	W393
1138SO	389	SP389	389	D389/390	SR54/TR54	V369
1158SO	362	SP362	362	D361/362	SR58/TR56	V362
1160SO	391	SP391	391	D381/391	SR58/TR55	V391
1162SO	395	SP395	395	D395/399	SR57/TR57	V395
1163SO	396	SP396	396	D396/397	SR59	V396
1164SO	397	SP397	397	D396/397	SR59	V397
1165SO	399	SP399	399	D395/399	SR57/TR57	V389
1171SO	371	SP371	371	D370/371	SR69	V371
1172SO	373	SP373	373	-	SR68	V373
1173SO	361	SP361	361	D361/362	SR58	V361
1174SO	321	SP321	321/RW3212	D321	SR65	V321
1175SO	364	SP364	364	D364	SR60/TR60	V364
1176SO	377	SP377	377	D377	SR66	V377
1187SO	315	SP315	315/RW316	-	SR67	V315
1188SO	370	SP370	370	D370/371	SR69	V370
1191SO	379	SP379	379	D379	-	V379
1193SO	335	-	-	-	-	-
5018LC	EL123AP	CR123A	-	DL123A	-	VL123A
5024LC	EL223AP	CR-P2	PC223A	DL223A	-	-
5032LC	EL2CR5	2CR5	-	DL245	-	2CR5
7000ZD	AC13E	PR-13PA	R13ZA	DA13	PR48	V13A
7002ZD	AC312E	PR-312PA	R312ZA	DA312	PR41	V312A
7003ZD	AC675E	PR-675PA	R675ZA	DA675	-	-
7004Z	AC146X	PZ146X	-	DA146	-	-
7005ZD	AC10/AC230	-	L10ZA	DA230	-	-