

Section 28: Batteries & Chargers

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Batteries & Chargers - Batteries



Energizer Max

Designed for long-lasting performance in the broadest range of device applications. Extensive range of primary cell types and package configurations. Seven-year shelf life. No added mercury.

Part #	Description
E91BP-4	AA 1.5V
E92BP-4	AAA 1.5V
E93BP-2	C 1.5V
E95BP-2	D 1.5V
522BP	9 V

Eveready Gold

Long lasting power for devices with low to moderate drain rates at an affordable price.

Part #	Description
A91BP-24HT	AA 1.5V, 24 pack
A91BP-12H	AA 1.5V, 12 pack

Lantern Batteries

Alkaline batteries. Chemical systems are made up of Zinc-Manganese Dioxide (Zn/MnO) no added mercury or cadmium. Nominal voltage is 6.0 volts. Operating temp is -18°C to 55°C (0°F to 130°F).

Part #	Description
521	Ins. Knurl
529	Coil Spring

Accu Rechargeable™

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.



Part #	Description
NH12BP-2	(2) AAA 850mAh nickel-metal hydride batteries
NH15BP-2	(2) AA 2500mAh nickel-metal hydride batteries
NH15BP-4	(4) AA 2500mAh nickel-metal hydride batteries
NH22NBP	(1) 9V 1500mAh nickel-metal hydride battery
NH35BP-2	(2) C 2500mAh nickel-metal hydride batteries
NH50BP-2	(2) D 2500mAh nickel-metal hydride batteries

Industrial Alkaline Batteries

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.



Part #	Cell Type	Volt	Capac. mAh	Max. Hght mm (in)	Max. Dia. mm (in)	Max. Lgth mm (in)	Max. Wdth mm (in)	Typ. Wght gr (oz)
EN22	9V	9.0	500	48.4 (1.91)	-	26.2 (1.03)	16.6 (0.65)	45.6 (1.6)
EN529	Lantern	6.0	21000	115.0 (4.52)	-	66.7 (2.63)	66.7 (2.63)	885 (31.2)
EN6	Ignitor	1.5	45000	170.0 (6.69)	66.7 (2.63)	-	-	482 (17.0)
EN715	Lantern	7.5	39000	97.0 (3.82)	-	184.2 (7.25)	103.2 (4.06)	2300 (81.1)
E90BP-2	N	1.5	720	29.3 (1.15)	11.9 (0.47)	-	-	9.0 (0.32)
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)

Electronic/Medical Lithium Batteries

Outlasts alkaline batteries substantially in pulse oximeters and infusion pumps. 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). Lightweight and operates efficiently in temperature extremes of -40°C to 60°C. The Energizer® L91 AA lithium battery is the first lithium product available in 1.5 volts.



Part #	Cell Type	Volts	Capac. mAh	Max. Hght mm (in)	Max. Dia. mm (in)	Max. Lgth mm (in)	Max. Wdth mm (in)	Typ. Wght gr (oz)
L91BP-2	AA	1.5	3000	50.5 (1.99)	14.3 (0.56)	-	-	15 (0.53)
L522MJ	9V	9.0	1200	48.8 (1.92)	-	25.9 (1.02)	16.9 (0.66)	34.4 (1.20)
L92BP-2	AAA	1.5	1250	44.5 (1.75)	10.5 (0.41)	N/A	N/A	7.6 (0.3)

Heavy Duty Premium Carbon Zinc Batteries

Suitable for moderate-to-heavy current drains or regular use. Excellent leakage resistance. No added mercury (only natural trace amounts present). Require no special method of disposal.



Part #	Cell Type	Volts	Capac. mAh	Max. Hght mm (in)	Max. Dia. mm (in)	Max. Lgth mm (in)	Max. Wdth mm (in)	Typ. Wght gr (oz)
1231	Lantern	6.0	10600	125.4 (4.94)	-	136.5 (5.37)	73.0 (2.87)	1.25k (44.1)
1209	Lantern	6.0	6900	112.0 (4.41)	-	66.7 (2.63)	66.7 (2.63)	625 (22.0)

General Purpose Carbon Zinc Batteries

Suitable for low-to-moderate periodic power needs. No added mercury (only natural trace amounts present).

Part #	Cell Type	Volts	Capac. mAh	Max. Hght mm (in)	Max. Dia. mm (in)	Max. Lgth mm (in)	Max. Wdth mm (in)	Typ. Wght gr (oz)
510S	Lantern	6.0	5000	109.5 (4.31)	-	66.7 (2.63)	66.7 (2.63)	632 (22.3)

Batteries & Chargers - Batteries



Heavy Duty Premium Carbon Zinc Batteries

Suitable for moderate-to-heavy current drains or regular use. Excellent leakage resistance. No added mercury (only natural trace amounts present). Require no special method of disposal.



Part #	Description
1215-AA HD	AA
1222-9V HD	9V
1235-C HD	C
1250-D HD	D

Electronic/Communication Batteries



Part #	Volts	Max. Hght mm (in)	Max. Dia. mm (in)	Max. Lgth mm (in)	Max. Wdth mm (in)	Typ. Wght gr (oz)
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)

Lithium 3 Volt 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 ten years of storage.



Part #	Capacity mAh	Max. Hght mm (in)	Max. Diam. mm (in)	Typ. Weight gr. (oz)
ECR1025BP	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)

Lithium 3 Volt Coin Batteries (cont.)

Part #	Capacity mAh	Max. Hght mm (in)	Max. Diam. mm (in)	Typ. Weight gr. (oz)
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)
ECR2025BP	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)

Watch, Camera, Calculator, Photo and Hearing Aid Batteries

Alkaline, Lithium, Mercury and Silver Oxide



Part #	Description
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-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
EL123APB2	(2) 3.0 volts photo electronic lithium batteries
EL123APBP	3 volts, cell size 123
EL1CR2BP	3 volts, cell size CR2
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

Part #	Volts	mAh	Diam. x Height (mm)
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



Batteries & Chargers - Batteries



Sealed Lead-Acid Batteries

Sealed/Maintenance free. Long Service Life. Easy Handling. Absorbent Glass Mat (AGM) Technology. Valve Regulated Spill Proof Construction. Rugged Impact Resistant Case and Cover. Long Shelf Life. Wide Operating Temperature Range. Can Be Operated In Any Position. Available In Four Types: General Purpose, High Rate Discharge, Monobloc Replacement Or Long Life.



PS Series - General Purpose Batteries

* Polarized quick disconnect tabs. Mate with AMP INC FASTON 250/187 series.

Part #	Nom. Volt	Nom. Cap. A.H.	Current @ 20Hr Rate mA	Lgth in (mm)	Width in (mm)	Ht in (mm)	Ht over Term. in (mm)	Wght lbs (kg)	Standard Terminals
PS-260	2	6.0	300	1.97 (50)	1.34 (34)	3.94 (100)	4.13 (105)	0.89 (0.40)	F1
PS-445	4	4.5	225	1.89 (48)	2.09 (53)	3.70 (94)	3.86 (98)	1.30 (0.59)	F2
PS-490	4	9.0	450	4.01 (102)	1.73 (44)	3.74 (95)	4.02 (102)	2.03 (104)	F2
PS-4100	4	10.0	500	4.01 (102)	1.97 (50)	3.72 (94.5)	3.86 (98)	4.40 (2.0)	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	1.1	55	2.00 (51)	1.65 (42)	2.20 (56)	3.86 (98)	4.40 (2.0)	F1
PS-612	6	1.4	70	3.82 (97)	0.94 (24)	2.00 (51)	2.19 (56)	0.60 (0.3)	F1
PS-628	6	2.9	145	2.60 (66)	1.30 (33)	3.86 (98)	4.06 (103)	1.30 (0.59)	F1
PS-630	6	3.5	175	5.28 (134)	1.34 (34)	2.35 (60)	2.56 (65)	1.37 (0.62)	F1
PS-632	6	3.2	175	2.60 (66)	1.30 (33)	4.65 (118)	4.80 (122)	1.37 (0.62)	F1
PS-640	6	4.5	225	2.76 (70)	1.86 (47)	3.94 (100)	4.25 (108)	1.80 (0.82)	F1
PS-650L	6	5.0	250	2.64 (67)	2.64 (67)	3.94 (100)	4.64 (118)	2.0 (0.91)	F1 or SP
PS-665	6	6.5	325	3.86 (98)	2.20 (56)	4.02 (102)	4.02 (102)	2.10 (0.95)	FP
PS-670	6	7.0	350	5.95 (151)	1.34 (34)	3.70 (94)	3.94 (100)	2.80 (1.27)	F1
PS-682	6	9.0	450	3.86 (98)	2.20 (56)	4.72 (120)	4.72 (120)	3.35 (1.52)	F1
PS-6100	6	12.0	600	5.95 (151)	2.00 (51)	3.70 (94)	3.86 (98)	4.40 (2.0)	F1 or F2
PS-6120	6	12.0	600	4.25 (108)	2.80 (71)	5.55 (141)	5.55 (141)	5.30 (2.40)	FP
PS-6120Toy	6	13.0	650	4.26 (108)	2.795 (71)	5.54 (141)	5.54 (141)	5.30 (2.40)	TS or TH
PS-6200	6	20.0	1000	6.18 (157)	3.27 (83)	4.92 (125)	4.92 (125)	7.53 (3.41)	NB
PS-6360	6	36.0	1800	6.25 (159)	3.35 (85)	6.50 (165)	6.95 (176)	13.7 (6.20)	F2 or NB
PS-6580	6	58.0	2900	7.28 (185)	4.41 (112)	8.07 (205)	8.07 (205)	21.0 (9.54)	F2
PS-62000	6	210	10500	12.05 (306)	6.65 (169)	8.65 (220)	8.96 (228)	63.95 (29)	B
PS-1208	12	0.8	40	3.80 (96)	.098 (25)	2.42 (62)	2.42 (62)	0.80 (0.35)	WL
PS-1212	12	1.4	70	3.82 (97)	1.69 (43)	2.04 (52)	2.28 (58)	1.32 (0.6)	F1
PS-1220	12	2.5	125	7.01 (178)	1.38 (35)	2.36 (60)	2.56 (65)	2.20 (1.00)	F1
PS-1221	12	2.0	100	5.63 (143)	0.90 (24)	2.56 (65)	2.56 (65)	1.32 (0.60)	F1/0
PS-1221S	12	2.0	100	5.91 (150)	0.80 (20)	3.52 (90)	3.52 (90)	1.50 (0.68)	F1
PS-1223	12	2.3	115	7.17 (182)	0.84 (24)	2.42 (62)	2.42 (62)	1.68 (0.76)	PC
PS-1227	12	2.9	145	3.11 (79)	2.20 (56)	3.90 (99)	4.13 (105)	2.43 (1.10)	F1
PS-1228	12	2.8	140	5.24 (133)	1.30 (33)	3.82 (97)	4.09 (104)	2.60 (1.18)	F1
PS-1229	12	2.9	145	7.00 (178)	1.38 (35)	2.38 (61)	2.60 (66)	2.60 (1.18)	F1
PS-1230	12	3.4	170	5.23 (134)	2.64 (67)	2.36 (60)	2.60 (66)	2.90 (1.32)	F1
PS-1238	12	3.8	190	7.68 (195)	1.85 (47)	2.76 (70)	2.99 (76)	3.75 (1.70)	F1
PS-1250	12	5.0	250	3.54 (90)	2.76 (70)	3.98 (101)	4.21 (107)	3.75 (1.40)	F1 or F2
PS-1251FP	12	5.4	270	5.50 (139.7)	1.89 (48)	4.02 (102)	4.06 (103)	4.20 (1.90)	FP
PS-1270	12	7.0	350	5.95 (151)	2.56 (65)	3.70 (94)	3.86 (98)	5.70 (2.59)	F1 or F2
PS-1272	12	7.2	360	5.95 (151)	2.56 (65)	3.70 (94)	3.86 (98)	5.80 (2.64)	F1 or F2
PS-1282	12	9.0	450	3.86 (98)	4.40 (112)	4.65 (118)	4.65 (118)	6.90 (3.14)	F1
PS-1290	12	9.0	450	5.95 (151)	2.56 (65)	3.70 (94)	3.86 (98)	6.10 (2.77)	F2
PS-12100	12	12	600	5.95 (151)	4.00 (102)	3.70 (94)	3.86 (98)	8.80 (4.00)	F1
PS-12120	12	12.0	600	5.95 (151)	3.86 (98)	3.70 (94)	3.94 (100)	8.50 (3.86)	F2
PS-12120L	12	12.0	600	8.45 (215)	2.75 (70)	5.75 (146)	5.75 (146)	9.90 (4.50)	*
PS-12180	12	18.0	900	7.13 (181)	3.00 (76)	6.59 (167)	6.59 (167)	12.60 (5.7)	F2 or NB
PS-12260	12	26.0	1300	6.56 (166.5)	6.97 (177)	4.92 (125)	4.92 (125)	18.0 (8.20)	F2 or NB
PS-12280	12	28.0	1400	6.50 (165)	4.92 (125)	6.87 (177)	6.87 (177)	21.40 (9.70)	NB
PS-12330	12	33.0	1650	7.80 (198)	5.20 (132)	6.22 (158)	7.07 (180)	23.10 (10.5)	NB
PS-12350	12	35.0	1750	7.80 (198)	5.20 (132)	6.22 (158)	7.07 (180)	25 (11.40)	NB
PS-12400	12	40.0	2000	7.76 (197)	6.50 (165)	6.69 (170)	6.69 (170)	30.50 (14.09)	NB
PS-12550	12	55.0	2750	9.04 (230)	5.45 (138)	8.15 (207)	8.98 (228)	41.30 (18.77)	U
PS-12750	12	75.0	3750	10.25 (260)	6.60 (168)	8.15 (207)	8.98 (228)	55 (25)	U
PS-121000	12	100.0	5000	12.00 (305)	6.60 (168)	8.15 (207)	8.98 (228)	68.70 (31.20)	U
PS-121100	12	110.0	5500	13.00 (330)	6.81 (173)	8.35 (212)	8.66 (220)	70.60 (32.00)	B
PS-121400FR	12	140.0	7000	13.50 (343)	6.75 (171)	10.80 (275)	11.15 (283)	102 (46.36)	B



Batteries & Chargers - Batteries



Sealed Lead-Acid Batteries (cont.)

PSH Series High-Rate Discharge Batteries - Flame Retardant Case and Cover

Part #	Nom. Volt	Nom. Cap A.H.	Current @ 20HR Rate mA	Lgth in (mm)	Width in (mm)	Hght in (mm)	Ht. Over Terminal	Wght lbs (kgs)	Standard Terminals
PSH-655FR	6	5.5	21 watts/cell	2.76 (95)	1.85 (47)	3.94 (100)	4.17 (106)	2.10 (0.95)	F1
PSH-1255FR	12	6.0	24 watts/cell	3.54 (90)	2.76 (70)	3.98 (101)	4.21 (107)	4.19 (1.90)	F2
PSH-1280FR	12	8.5	36 watts/cell	5.94 (151)	2.56 (65)	3.70 (94)	3.86 (98)	6.00 (2.72)	F1 or F2
PSH-12100FR	12	10.5	41 watts/cell	5.94 (151)	2.56 (65)	4.37 (111)	4.61 (117)	7.05 (3.20)	F2
PSH-12180FR	12	21.0	80 watts/cell	7.14 (182)	3.03 (77)	6.59 (168)	6.59 (168)	13.30 (6.0)	NB


PSG Series - Hawker Monobloc Replacement Batteries




Part #	Nom. Volt	Nom. Cap. @ 20Hr Rate AH	Dischg. Curr. @ 20Hr Rate mA	Lgth in (mm)	Width in (mm)	Ht in (mm)	Ht over Term. in (mm)	Approx. Wght lbs (kg)	Standard Terminals
PSG-450	4	5.0	250	3.54 (90)	1.94 (49)	2.87 (73)	2.87 (73)	1.55 (0.70)	F2
PSG-480	4	8.0	400	3.54 (90)	1.94 (49)	4.00 (102)	4.00 (102)	2.15 (0.98)	F2
PSG-625	6	2.5	125	4.15 (105)	1.63 (41)	2.70 (69)	2.70 (69)	1.25 (0.57)	F1
PSG-650	6	5.0	250	5.28 (134)	1.94 (49)	3.00 (76)	3.00 (76)	2.15 (0.98)	F2
PSG-680	6	8.0	400	5.28 (134)	1.94 (49)	3.99 (101)	3.99 (101)	3.20 (1.45)	F2

PG Series Power-Guard Long Life Batteries - Flame Retardant Case and Cover

Part #	Nom. Volt	Rated Cap A.H @ 10/5/1 HR	Lgth in (mm)	Width in (mm)	Hght in (mm)	Ht. Over Terminal	Wght lbs (kgs)	Standard Terminals
PG-6V210FR	6	210/180/126	12.70 (322)	7 (178)	8.98 (228)	9.21 (234)	69.0 (31.3)	T8
PG-12V28FR	12	28/25.5/18.6	6.50 (167)	6.56 (167)	4.92 (125)	4.92 (125)	20.20 (9.2)	T3 or T12
PG-12V35FR	12	35/32.5/27	7.80 (198)	5.20 (132)	6.22 (158)	6.55 (169)	25.0 (11.4)	B
PG-12V42FR	12	42/26.0/25.2	7.76 (197)	6.50 (165)	6.69 (170)	6.69 (170)	34.00 (15.4)	T6
PG-12V55FR	12	56/47.5/33.0	8.98 (226)	5.39 (137)	8.27 (210)	8.51 (216)	41.90 (19.0)	T6
PG-12V65FR	12	68/56.0/39.0	13.70 (348)	6.57 (167)	7.01 (168)	7.01 (178)	49.00 (22.2)	T6
PG-12V75FR	12	75/64.5/45.0	13.70 (348)	6.57 (167)	7.01 (168)	7.01 (178)	55.20 (25.0)	T6
PG-12V75TFR	12	75/64.5/45.0	10.24 (260)	6.61 (168)	8.27 (210)	8.51 (216)	55.20 (25.0)	T6
PG-12V92FR	12	92/79.0/55.2	12.05 (306)	6.61 (168)	8.27 (210)	8.51 (216)	66.20 (30)	T6
PG-12V103FR	12	103/88.5/61.8	12.99 (330)	6.89 (173)	8.35 (212)	8.66 (220)	69.0 (31.3)	T6
PG-12V120FR	12	124/106.5/74.4	16.14 (410)	6.97 (177)	8.86 (225)	8.86 (225)	81.5 (37.0)	T6
PG-12V140FR	12	144/120.4/84.0	13.50 (344)	6.73 (171)	10.79 (274)	11.02 (280)	98.40 (44.6)	T6
PG-12V150FR	12	153/131.5/91.8	19.09 (485)	6.69 (170)	9.53 (242)	9.53 (242)	103.5 (47.0)	T6
PG-12V200FR	12	210/180.5/126.0	20.55 (522)	9.45 (240)	8.58 (218)	8.81 (224)	141.20 (64.0)	T6

F1  **FASTON**
0.187" x 0.032"
quick disconnect tabs.

F2  **FASTON**
0.250" x 0.032"
quick disconnect tabs

FP  **FASTON POLARIZED**
Positive: "F2", Negative: "F1"

SP  **SPRING TERMINALS**
Fully collapsible positive and negative contacts

TH  **TOY BATTERY CONNECTORS**
H-connector PS-6120 TH

TS  **TOY BATTERY CONNECTORS**
S-connector PS-6120 TS

WL **INSULATED WIRE LEADS**
• Molex Housing 5264-02 & 5263-PBT plug on PS-605
• AMP Housing 1-480318-0 & 8116-1 on PS-1208

PC **PRESSURE CONTACTS**
On PS-1221 & PS-1223 battery

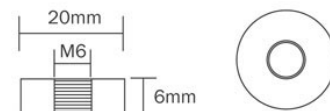
NB  **TERMINAL POSTS**
With nut & bolt connectors

U  **UNIVERSAL AUTO POST**
Automotive post with nut & bolt connectors

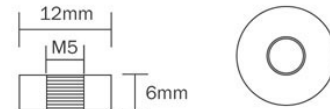
B, T6 **THREADED INSERT - 6mm STUD**



T8 **THREADED INSERT - 6mm STUD**



T12 **THREADED INSERT - 5mm STUD**



Batteries & Chargers - Batteries



Nickel-Cadmium Batteries

Unique positive and negative electrode designs account for the low impedance and resultant high discharge and charge rates. Operating temperature range is -20°C to 60°C for regular cells and -20°C to 70°C for hi-temp cells. Uniformity of cells. Positive terminal profiles: 1 - flat top, 2 - button top, 3 - low profile button. *Rapid charge requires control of charge current by way of temperature or -V detection. Unless otherwise stated, nominal voltage is 1.2.



High Capacity - Rapid Charge Cells

Part #	Cap. 5Hr. Rate mAh	Std. Chrg mA (hrs)	Quick Chrg mA (hrs)	Max. Dia. in (mm)	Max. Hght in (mm)	Wght oz (g)	Profile
PS-AAXF	700	70 (15)	700 (1.5*)	0.571 (14.5)	1.890 (48.0)	0.78 (22)	1
PS-CXF	2500	250 (15)	2500 (1.5*)	1.024 (26.0)	1.969 (50.0)	2.54 (72)	3
PS-DXF	5000	500 (15)	5000 (1.5*)	1.300 (33.0)	2.303 (58.5)	4.52 (128)	3
PS-SCXF	1800	180 (15)	1800 (1.5*)	0.906 (23.0)	1.693 (43.0)	1.76 (50)	1

High Capacity Cells (X-Type)

Part #	Cap. 5Hr. Rate mAh	Std. Chrg mA (hrs)	Quick Chrg mA (hrs)	Max. Dia. in (mm)	Max. Hght in (mm)	Wght oz (g)	Profile
PS-850AA	850	85 (15)	255 (4.5)	0.567 (14.4)	1.890 (48.0)	0.81 (23)	1
PS-850AAL	850	85 (15)	255 (4.5)	0.567 (14.4)	1.969 (50.0)	0.81 (23)	2
PS-AASL	700	70 (15)	230 (5.0)	0.571 (14.5)	1.969 (50.0)	0.78 (22)	2
PS-AAAX	700	70 (15)	230 (5.0)	0.571 (14.5)	1.890 (48.0)	0.78 (22)	1
PS-CX	2500	250 (15)	-	1.024 (26.0)	1.969 (50.0)	2.65 (75)	3
PS-DX	5000	500 (15)	-	1.339 (34.0)	2.402 (61.0)	5.47 (155)	3
PS-FX	8000	800 (15)	4000 (2.5*)	1.300 (33.0)	3.543 (90.0)	8.47 (240)	3
PS-SCX	1500	150 (15)	-	0.906 (23.0)	1.693 (43.0)	1.69 (48)	1

High Temperature Cells (H-Type)

Part #	Cap. 5Hr. Rate mAh	Std. Chrg mA (hrs)	Max. Dia. in (mm)	Max. Hght in (mm)	Wght oz (g)	Profile
PS-1/2DH	2200	220 (15)	1.271 (32.3)	1.448 (36.8)	2.82 (80)	1
PS-1/3AAH	110	11 (15)	0.571 (14.5)	0.669 (17.0)	0.25 (7)	1
PS-AAH	600	60 (15)	0.547 (13.9)	1.870 (47.5)	0.74 (21)	1
PS-CH	1800	180 (15)	1.024 (26.0)	1.969 (50.0)	2.57 (66)	3
PS-DH	4000	400 (15)	1.300 (33.0)	2.402 (61.0)	4.41 (125)	3
PS-DHflat	4000	400 (15)	1.276 (32.4)	2.308 (58.6)	4.73 (134)	1
PS-FH80	8000	800 (15)	1.300 (33.0)	3.543 (90.0)	8.47 (240)	3
PS-SCH	1500	150 (15)	0.906 (23.0)	1.692 (43.0)	1.57 (45)	1

PCBM (Printed Circuit Board Mount) Memory Save Cells

Part #	Nom. Volt	Cap. 5Hr. Rate mAh	Std. Chrg mA (hrs)	Max. Dia. in (mm)	Max. Hght in (mm)	Wght oz (g)	Profile
PCBM-2.4	2.4	110	3.7 (48)	0.571 (14.5)	1.350 (34.5)	0.53 (15.0)	P.C. Pins
PCBM-3.6	3.6	110	3.7 (48)	0.571 (14.5)	2.015 (52.0)	0.79 (22.5)	P.C. Pins

Standard Cells

Part #	Cap. 5Hr. Rate mAh	Std. Chrg mA (hrs)	Quick Chrg mA (hrs)	Max. Dia. in (mm)	Max. Hght in (mm)	Wght oz (g)
PS-1/2D	2400	240 (15)	-	1.276 (32.4)	1.448 (36.8)	2.82 (80)
PS-1/3AA	110	11 (15)	28 (6.0)	0.551 (14.0)	0.650 (16.5)	0.25 (7)
PS-2/3A	600	60 (15)	600 (1.5*)	0.665 (16.9)	1.106 (28.1)	0.67 (19)
PS-2/3AA	300	30 (15)	85 (4.5)	0.571 (14.5)	1.181 (30.0)	0.46 (13)
PS-4/5A	1000	100 (15)	1000 (1.5*)	0.665 (16.9)	1.669 (42.4)	1.06 (30)
PS-A	1400	140 (15)	1400 (1.5*)	0.669 (17.0)	1.969 (50.0)	1.16 (33)
PS-AA	600	60 (15)	180 (4.5)	0.571 (14.5)	1.890 (48.0)	0.74 (21)
PS-AAA	220	22 (15)	45 (6.0)	0.413 (10.5)	1.752 (44.5)	0.35 (10)
PS-AAL	600	60 (15)	180 (4.5)	0.571 (14.5)	1.969 (50.0)	0.74 (21)
PS-C	2000	200 (15)	400 (7.0)	1.024 (26.0)	1.969 (50.0)	2.40 (68)
PS-CF	2400	240 (15)	800 (3.5)	1.024 (26.0)	1.880 (47.8)	2.65 (75)
PS-D	4000	400 (15)	-	1.300 (33.0)	2.402 (61.0)	4.41 (125)
PS-DF	4500	450 (15)	900 (6.5*)	1.276 (32.4)	2.308 (58.6)	4.57 (130)
PS-F	7000	700 (15)	-	1.283 (32.6)	3.591 (91.2)	8.15 (231)
PS-N	230	23 (15)	38 (6.0)	0.472 (12.0)	1.180 (30.0)	0.31 (8.5)
PS-SC	1400	140 (15)	470 (3.5)	0.906 (23.0)	1.693 (43.0)	1.59 (45)

Batteries & Chargers - Batteries



Nickel-Metal Hydride Batteries - Cylindrical Cells (NiMH)

Part #	Nominal Voltage V	Capacity 5hr.rate mAh	Standard Charge mA/hrs.	Quick Charge mA/hrs.	Diameter (Max.) in./mm	Height (Max.) in./mm	Weight (Max.) oz./g
NH-3700A	1.2	3700	370/15	-/-	0.67/17	2.64/67.0	1.86/53
NH-1500AAL	1.2	1500	150/15	150/4.0	0.57/14.5	1.97/50.0	0.92/26
NH-1600A	1.2	1600	160/15	530/4.0	0.67/17	1.67/42.4	1.16/33
NH-7000DL	1.2	7000	700/15	-/-	1.30/33.0	2.40/61.0	5.62/160
NH-1250AA	1.2	1250	125/15	370/4.0	0.57/14.5	1.89/48.0	0.88/25
NH-600AAA	1.2	600	60/15	185/4.0	.041/10.5	1.75/44.5	0.35/10
NH-1500AA	1.2	1500	150/15	450/4.0	0.57/14.5	1.89/48.0	0.92/26
NH-2100A	1.2	2100	210/15	630/4.0	0.67/17	1.97/50.0	1.30/37
NH-3000SC	1.2	3000	300/15	-/-	0.19/23.0	1.69/43.0	2.08/59
NH-7000D	1.2	7000	700/15	-/-	1.30/33.0	2.30/58.5	5.62/160
NH-1250AAL	1.2	1250	125/15	370/4.0	0.57/14.5		1.97/50.0
NH-8000D	1.2	8000	800/15	-/-	1.30/33.0	2.30/58.5	5.62/160



Ni-Cad Single Cells

Available with solder tabs - add WT to end of part number. 1.2 volts.



Part #	X-Ref	mAh	Dia. x Hght mm	Dia. x Hght inches
1/2AA-250SHORT	1/2AA	250	14.13 x 23	.557 x .939
1/2AA-270	N-270 AA	270	14.5 x 30	.571 x 1.18
1/2AA-320	N-320 AA	320	14.5 x 30	.571 x 1.18
1/2C-700	1/2 C Size Cell	700	26 x 24	1.02 x .946
1/2D-2400	1/2 D Size Cell	2400	33 x 36.8	1.30 x 1.45
1/2SC-1300	1/2 Sub-C Rapid Charge	1300	23 x 26	.906 x 1.02
1/2SC-650	1/2 Sub-C Cell	650	23 x 26	.906 x 1.02
1/3AA-110	N-110 AA	110	14.5 x 17	.571 x .670
1/3AAA-50	N-50 AAA	50	10.5 x 16	.414 x .630
1/3AF-210	1/3A Sub F NI-CAD Cell	210	17 x 17	.670 x .670
2/3AF-700	2/3A Sub F NI-CAD Cell	700	17 x 28	.670 x 1.10
3/5C-1100	3/5 C Size Cell	1100	26 x 30	1.02 x 1.18
4/5AF-1100	4/5A Sub F NI-CAD Cell	1100	17 x 43	.670 x 1.69
4/5AF-1200	4/5A Sub F NI-CAD Cell	1200	17 x 43	.670 x 1.69
4/5SC-1300	4/5 Sub-C Rapid Charge	1300	23 x 24	.906 x 1.34
5/4AA-1200	N-1200 AAE Long AA	1200	14.2 x 65	.559 x 2.50
5/4AF-1700	5/4 A Sub F NI-CAD Cell	1700	17 x 67	.670 x 2.64
5/4AF-2000	5/4 A Sub F NI-CAD Cell	2000	17 x 67	.670 x 2.64
5/4SC-2300	KR2300SCE	2300	23 x 50	.906 x 1.97
AA-1000	P-100AAR	1000	14.2 x 50	.559 x 1.97
AA-1100	KR-1100AAU	1100	14.2 x 50	.559 x 1.97
AA-600	N-600 AA Consumer Top	600	14.2 x 50	.559 x 1.97
AA-600FT	N-600 AA	600	14.2 x 50	.559 x 1.97
AA-700	N-700 AA Consumer Top	700	14.2 x 50	.559 x 1.97
AA-700FT	N-700 AA	700	14.2 x 50	.559 x 1.97
AA-800	N-800 AA Consumer Top	800	14.2 x 50	.559 x 1.97
AA-800FT	N-800 AA	800	14.2 x 50	.559 x 1.97



Ni-Cad Single Cells (cont.)

Part #	X-Ref	mAh	Dia. x Hght mm	Dia. x Hght inches
AA-900	N-900 AA Consumer Top	900	14.2 x 50	.559 x 1.97
AA-900FT	N-900 AA	900	14.2 x 50	.559 x 1.97
AF-1200	Standard A Cell	1200	17 x 50	.670 x 1.97
AF-1400	Standard A Cell	1400	17 x 50	.670 x 1.97
AF-1400E	KR-1400 AE	1400	17 x 50	.670 x 1.97
AF-1400U	KR-1400 AU	1400	17 x 50	.670 x 1.97
C-2000	KR-2000 C	2000	26 x 50	1.02 x 1.97
C-2500	Consumer C Cell	2500	26 x 50	1.02 x 1.97
CR-3000	N-3000CR	3000	26 x 50	1.02 x 1.97
D-1800	Consumer D Cell	1800	34 x 61	1.34 x 2.40
D-4000	Standard D Cell	4000	34 x 61	1.34 x 2.40
D-4400	High Capacity D Cell	4400	34 x 61	1.34 x 2.40
D-5000	KR-5000DE	5000	34 x 61	1.34 x 2.40
DR-4000	Rapid Charge N-4000DR	4000	34 x 61	1.34 x 2.40
F-7000	KR-7000F	7000	34 x 91	1.34 x 3.59
M-10000	KR-10000M	10000	43 x 91	1.69 x 3.59
M-20000	KR-20000M	20000	43 x 146	1.69 x 5.75
N-120TA	N-120TA	120	7.8 x 42.5	.306 x 1.67
N-150	N-150N	150	12 x 29.5	.473 x 1.16
N-180	P-18N	180	12 x 29.5	.473 x 1.16
SC-1300	1.2	1300	23 x 43	.906 x 1.69
SC-1500	1.2	1500	23 x 43	.906 x 1.69
SC-1700	Sub-C Cell	1700	23 x 43	.906 x 1.69
SC-1800	.2	1800	23 x 43	.906 x 1.69
SCH-1200	High Temp	1200	23 x 43	.906 x 1.69
SCR-1700	KR1700 SCR	1700	23 x 43	.906 x 1.69
1/2C-700FT	1/2C Size Cell	700	26 x 24	1.02 x .946
1/3AA-150	N-150AA	150	14.5 x 17	.571 x .670
AA-1000FT	P-100AAR/FT	1000	14.2 x 50	.559 x 1.97
AAA-300	Standard AAA	300	10.5 x 44.5	.414 x 1.75
C-2500FT	C Size Flat Top Cell	2500	26 x 50	1.02 x 1.97
D-5000FT	D Cell Flat Top Cell	5000	34 x 61	1.34 x 2.40
SC-2100	Sub C Size Cell	2100	23 x 43	.906 x 1.69
SCR-1900	Rapid Charge C	1900	23 x 43	.906 x 1.69



Batteries & Chargers - Batteries



Ni-Cad Slim Line Cells

1.2 volts.



Part #	X-Ref	mAh	Width x Hght x Thick (mm)
KF-A1200	KF-A1200	1200	17 x 67 x 10.3
KF-A900	KF-A900	900	17 x 67 x 8.1

3V Lithium Cylindrical Cells



Part #	X-Ref	Cap. mAh	Dia x Height (mm)	Termination
COMP-15	CR1/3N	160	11.6 x 10.8	-
COMP-15-1	CR1/3N-T	160	11.6 x 10.8	1
COMP-15-2	CR1/3N-P	160	11.6 x 10.8	2
COMP-15-3	CR1/3N-FT	160	11.6 x 10.8	3
COMP-15-3VL	CR1/3N-FT3	160	11.6 x 10.8	3 (7.5MM)
COMP-29	CR17335SE	1800	17.0 x 33.5	-
COMP-29-1	CR17335SE-T	1800	17.0 x 33.5	1
COMP-29-2	CR17335SE-P	1800	17.0 x 33.5	2
COMP-29-3	CR17335SE-FT	1800	17.0 x 33.5	3
COMP-3	CR12600SE	1400	12.0 x 60.0	-
COMP-3-1	CR12600SE-T	1400	12.0 x 60.0	1
COMP-3-2	CR12600SE-P	1400	12.0 x 60.0	2
COMP-3-3-10	CR12600SET-FT	1400	12.0 x 60.0	3 (10MM)
COMP-3-3-7.5	CR12600SET-FT3	1400	12.0 x 60.0	3 (7.5MM)
COMP-5	BR2/3A	1200	17.0 x 33.5	-
COMP-5-1	BR2/3AT2SP	1200	17.0 x 33.5	1
COMP-5-1DUR	DL2/3A-T	1200	17.0 x 33.5	1
COMP-5-2	BR2/3AP2SP	1200	17.0 x 33.5	2
COMP-5-2DUR	DL2/3A-2P	1200	17.0 x 33.5	2
COMP-5-3	BR2/3AE2SP	1200	17.0 x 33.5	3
COMP-5-3DUR	DL2/3A-3P	1200	17.0 x 33.5	3
COMP-5-5	BR-2/3AAX	1200	17.0 x 33.5	5
COMP-5DUR	DL2/3A	1200	17.0 x 33.5	-
COMP-66	B9508	1400	16.0 x 35.0	9V
COMP-68	B9503	1900	25.0 x 39.0	9V
COMP-7	CR14250SE	850	14.5 x 25.0	-
COMP-7-1	CR14250SE-T	850	14.5 x 25.0	1
COMP-7-2	CR14250SE-P	850	14.5 x 25.0	2
COMP-7-2P3	CR14250SE-P3	850	14.5 x 25.0	2
COMP-7-3	CR14250SE-FT	850	14.5 x 25.0	3
COMP-7-5	CR14250SE-SP1	850	14.5 x 25.0	5
COMP-87	BR-A	1800	17.0 x 45.5	-
COMP-87-1	BR-AT2SP	1800	17.0 x 45.5	1
COMP-94	BR-1/2A	650	17.0 x 23.0	-
COMP-94-1	BR-1/2AT2SP	650	17.0 x 23.0	1
COMP-94-2	BR-1/2AE5SP	650	17.0 x 23.0	2
COMP-94-3	BR-1/2AE2SP	650	17.0 x 23.0	3
LITH-12	CR17450SE	2500	17.0 x 45.0	-
LITH-12-1	CR17450SE-T	2500	17.0 x 45.0	1
LITH-12-2	CR17450SE-P	2500	17.0 x 45.0	2
LITH-12-3	CR17450SE-FT	2500	17.0 x 45.0	3
LITH-13	CR23500SE	5000	23.0 x 50.0	-
LITH-13-1	CR23500SE-T	5000	23.0 x 50.0	1
LITH-13-2	CR23500SE-P1-1	5000	23.0 x 50.0	2
LITH-13-3	CR23500SE-FT	5000	23.0 x 50.0	3
LITH-14-1PANA	BR-CT2SP	5000	26.0 x 50.0	1
LITH-14-PANA	BR-C	5000	26.0 x 50.0	-
LITH-28	BR425	25	4.2 x 25.9	-



3V Lithium Cylindrical Cells (cont.)

Part #	X-Ref	Cap. mAh	Dia x Height (mm)	Termination
LITH-29	BR435	50	4.2 x 35.9	-
LITH-40	CR17450E-R	2200	17.0 x 45.5	-
LITH-41	CR15270SE	750	15.0 x 27.0	-
COMP-70	CR-AA	2000	14.75 x 50.5	-
LITH-42	CR17335E-R	1300	17.0 x 33.5	-
LITH-9-1	CR15400SE-T	1300	15.2 x 40.0	1
COMP-177	BR-CCF1TH	5000	26.0 X 50.0	Connector
COMP-7 VARTA	CR1/2AA	950	14.5 X 25.0	-
COMP-7-5 VARTA	CR1/2AA-CD	950	14.5 X 25.0	5

3.6V Lithium Cylindrical Cells



Part #	X-Ref	Cap. mAh	Dia x Height (mm)	Cell Size	Termination
COMP-100	TL5155/S	1450	14.5 x 33.5	2/3AA	-
COMP-139	TL-5955/S	1650	14.5 x 33.5	2/3AA	-
COMP-200	TL-4902/S	1200	14.5 x 25.2	1/2AA	-
COMP-201	TL-2155/S	1450	14.5 x 33.5	2/3AA	-
COMP-29-MAX	ER17/33#5TC	1500	17.0 x 36.0	2/3A	-
COMP-4	TL-5101/S	950	14.5 x 25.2	1/2AA	-
COMP-4HC SAFT	LS14250C BA	1250	14.5 x 25.2	1/2AA	-
COMP-4-MAX-S	ER3STC	750	14.5 x 25.4	1/2AA	-
COMP-6	TL-5104/S	2100	14.5 x 50.5	AA	-
COMP-65	TL-5903/S	2400	14.5 x 50.5	AA	-
COMP-6HC SAFT	LS14500 C	2750	14.5 x 50.5	AA	-
COMP-6-MAX	ER6#5TC	1900	14.5 x 50.5	AA	-
COMP-6-SAFT	LS6BA, LS14500BA	2250	14.5 x 50.5	AA	-
COMP-95	TL-5151/S	700	14.5 x 25.2	1/2AA	-
LITH-10	TL-2100/S	2100	14.5 x 50.5	AA	-
LITH-11	TL-5114/S (VENTED)	1900	14.5 x 50.5	AA	-
LITH-14	TL-2000/S	7200	26.2 x 50.0	C	-
LITH-14HC	TL-5920/S	8500	26.2 x 50.0	C	-
LITH-14-SAFT	LSH14BA	5200	26.1 x 50.0	C	-
LITH-15	TL-2300/S	16500	32.9 x 61.5	D	-
LITH-15HC	TL-5930/S	19000	33.6 x 61.5	D	-
LITH-15-SAFT	LSH20BA	13000	33.6 x 61.5	D	-
LITH-16	TL-5137/S	35000	32.9 x 124.5	DD	-
LITH-21	TL-5902/S	1200	14.5 x 25.2	1/2AA	-
LITH-36	LS26500 BA	7300	26.1 x 50.0	C	-
LITH-37	LS33600BA	16500	33.6 x 61.5	D	-
LITH-6	TL-2150/S	950	14.5 x 25.2	1/2AA	-
LITH-7	TL-5111/S (VENTED)	850	14.5 x 25.2	1/2AA	-
COMP-4 MAX	ER3#5TC	750	14.5 x 30.5	1/2AA	-
LITH-L026SHX	37260170, L026SHX	-	-	-	-
COMP-219 SAFT	LS17500	3400	-	-	-
COMP-4 SAFT	LS3BA	1000	14.5 x 25.2	-	-
COMP-29 SAFT	LST 17330	2000	-	-	-
COMP-247	TL-4930/S	19000	32.9 x 61.5	-	-
COMP-244	TL-5937/S	40000	32.9 x 124.5	-	-



Batteries & Chargers - Batteries



Board Mountable Lithium Batteries



Part #	Volts	mAH	X-Ref	Termination	L x W x H (MM)
COMP-111	3.9	1000	3B50 (BCX72)	3 Pin	25.46 x 7.95
COMP-112	3.6	1000	3B880 (QTC85)	3 Pin	25.34 x 7.80
COMP-131	3.6	1000	TL-4934/P	3 Pin	32.9 x 10.0
COMP-134	3.6	1000	TL-4934	3 Pin	32.9 x 6.5
COMP-140	3	85	DS1220Y-100	24 Pins	34 x 18 x 8
COMP-162	3.5	350	LTC-3PN-S2	2 Pin	17 x 15 x 7
COMP-179	3.5	1500	LTC-7PMP	4 Pin	39 x 30 x 8
COMP-184	3	85	DS1230Y-100	28 Pins	37 x 18 x 9
COMP-197	3.6	1000	TL-2134/P	3 Pin	32.9 x 6.5
COMP-20	3.6	1700	TL-5135/P	3 Pin	39.2 x 10.0
COMP-205	3.6	1700	TL-4935/P	3 Pin	39.2 x 10.0
COMP-206	3.6	400	TL-4986/P	3 Pin	22.5 x 6.8
COMP-24	3.6	1000	TL-5134/P	3 Pin	32.9 x 6.5
COMP-28	3.6	400	TL-5186/P	3 Pin	22.5 x 6.8
COMP-28HC	3.6	400	TL-2186	3 Pin	22.5 x 6.8
COMP-47	3	15	DS1287	18 Pins	33 x 18 x 9
COMP-47A	3	15	DS1287A	19 Pins	33 x 18 x 9
COMP-69	3	280	250-00	2 Pin	30 x 30 x 6
COMP-73	3	13	DS1387	20 Pins	33 x 18 x 9
COMP-88	3.5	750	LTC-7PN	4 Pin	25 x 16 x 7
COMP-88A	3.5	750	LTC-7P	4 Pin	30 x 17 x 8
COMP-97	3	15	DS12887	18 Pins	33 x 18 x 9
COMP-97A	3	15	DS12887A	19 Pins	33 x 18 x 9
COMP-98	3	170	DA1260-100	16 Pins	37 x 26 x 9
COMP-99	3	50	DS1587	24 Pins	39 x 18 x 9
COMP-245	3.6V	1700	TL-2135/P	3 Pins	39.2 x 10.0

3V Lithium Coin Cells



Part #	Capacity mAh	Diameter x Height (mm)	Cross Reference
COMP-1	270	24 x 3.0	CR2430
COMP-2	175	23 x 2.5	BR2325
COMP-30	75	20 x 1.6	CR2016
COMP-31	150	20 x 2.5	CR2025
COMP-32	200	20 x 3.2	CR2032
COMP-33	550	24 x 5.0	CR2450
COMP-60	255	23 x 3.0	BR2330
COMP-61	560	23 x 5.4	CR2354
LITH-1	35	12 x 2.0	CR1220
LITH-2	40	12 x 2.5	BR1225
LITH-20	50	16 x 1.6	CR1616
LITH-24	55	20 x 1.2	CR2012
LITH-25	30	10 x 2.5	CR1025
LITH-26	25	12 x 1.6	BR1216
LITH-27	100	20 x 2.0	BR2020
LITH-3	60	16 x 2.0	CR1620
LITH-30	120	23 x 2.0	CR2320
LITH-31	25	12 x 1.6	CR1216
LITH-4	75	20 x 1.6	BR2016
LITH-5	110	23 x 2.0	BR2320
LITH-47	48	16 x 1.6	BR1616
LITH-44	120	16 x 3.2	BR1632
COMP-141	190	20 x 3.2	BR2032
LITH-38	165	23 x 3.5	BR2335
LITH-45	500	30 x 3.2	BR3032
LITH-52	50	12 x 2.5	CR1225
LITH-34	120	16 x 3.2	CR1632
COMP-101	265	23 x 3.0	CR2330
LITH-32	950	24 x 7.7	CR2477
LITH-33	500	30 x 3.2	CR3032
LITH-35	30	9.0 X 2.7	CR927
COMP-277	190	9.0 X 2.7	BR927, BR927-1W, CR2325
LITH-55	290	20 X 5.0	CR2050
COMP-274	100	24 X 1.2	CR2412
COMP-33N RENATA	550	24 x 5.0	CR2450N
COMP-33 SANYO	550	24 x 5.0	CR2450

Ni-Cad/Nickel Metal Hydride Button Cells



Part #	Cross Reference	Cap. mAh	D x H (mm)
150FSNM	V150H-VARTA 55615-101-000	150	Oval
15FSNM	V15H-VARTA 55601-101-000	15	11.5 x 3.1
170SS	GP170BVK	170	25.1 x 6.7
200FSMH	V200H-VARTA Flared Cell	200	25.1 x 6.7
250FSMH	V250H-Varta 55625-101-000	250	25.1 x 6.7
250SSNMH	GP250BVH	250	25.1 x 6.7
280SS	GP280BVK	280	25.1 x 8.4
300FSMH	CP300H-Varta 55630-101-000	300	25.1 x 7.55
30SS	GP30BVK	30	11.6 x 5.4
320SSNM	GP320BVH	320	25.1 x 8.4
40FSNM	V40H-VARTA 55604-101-000	40	11.5 x 5.35
40SSNM	GP40BVH	40	11.6 x 5.4
60SS	60	GP60BVK	15.5 x 6.2
80FSNM	V80H-VARTA 55608-101-000	80	15.5 x 6.0
80SSNM	GP80BVH	80	15.5 x 6.2

Batteries & Chargers - Batteries



Nickel Metal Hydride Batteries

Part #	Volts	Capacity mAh	Dia. x Hght mm (inches)	Cross Reference
C-4000NM	1.2	4000	26 x 50 (1.02 x 1.97)	H-C4000A
D-7000NM	1.2	7000	34 x 61 (1.34 x 2.40)	H-D7000A
D-7500NM	1.2	7500	34 x 61 (1.34 x 2.40)	HR-D
D-9000NM	1.2	9000	34 x 61 (1.34 x 2.40)	H-D9000A

Nickel Metal Hydride Batteries



Part #	Cross Reference	Capacity mAh	Dia. x Hght mm (inches)
1/2AA-600NM	GP60AAH	600	14.5 x 30 (.571 x 1.18)
AA-1650NMFT	HR-AAU	1650	14.2 x 50 (.559 x 1.97)
AAA-600NM	H-AAA600A	600	10.5 x 44.5 (.414 x 1.75)
5/4AAA-770NM	HR-5/4AAAU	770	10.5 x 50 (.414 x 1.96)
2/3AF-1000NM	GP100AFH	1000	17 x 28 (.670 x 1.10)
2/3AF-1100NM	GP110AFH	1100	17 x 28 (.670 X 1.10)
5/4AAA-750NM	H-5/4AAA-750A CONSUMER TOP	750	10.5 X 50 (.414 X 1.96)
AAA-750NM	HR-4R CONSUMER TOP	750	10.5 X 44.5 (.414 X 1.75)
D-9000NM SANYO	HR-DU	9000	34 X 61 (1.34 X 2.40)
SCR-3300NM	H-SCR3300P	3300	23 X 43 (.906 X 1.69)
1/3AA-250NM	H-AA250A	250	14.5 X 17 (.571 X .670)
AA-250NM SANYO	HR-3U (2500)	2500	14.2 X 50 (.559 X 1.97)
AA-2700NM SANYO	HR-3U (2700)	2700	14.2 X 50 (.559 X 1.97)
AAA-900NM SANYO	HR-4U (900)	900	10.5 X 44.5 (.414 X 1.75)
F-13000NM	F SIZE NIMH CELL	13000	34 X 91 (1.34 X 3.59)
N-360NMGP	GP360NH	360	12 X 29.5 (.473 X 1.16)
HF-A1U	HF-A1U	1350	17 X 67 X 6.2
HF-B1UX	HF-B1UX	860	17 X 48 X 6.2
HF-C1U	HF-C1U	650	17 X 35.5 X 6.2
HF-C2U	HF-C2U	900	17 X 35.5 X 8.4
HF-D4U	HF-D4U	640	16 X 34 X 6.6
HF-E5U	HF-E5U	900	14.5 X 48.2 X 7.4

Standard Alkaline Batteries



Part #	Volts	Capacity (mAh)	Dia. x Hght (mm)	Cross Reference
ALK-10A	9	33	10 x 21.7	GP10A, L1022
ALK-11A	6	33	10 x 16	GP11A
ALK-12V	12	33	9.6 x 28.2	GP23A, MN21, A23, E23A, MS21, V23
ALK-25A	9	18	7.7 x 21.2	GP25A
ALK-26A	6	18	7.7 x 15.3	GP26A
ALK-27A	12	18	7.3 x 27.5	GP27A
ALK-32A	9	15	7.8 x 21.8	A32
ALK-AAA ECONOMY	1.5	800	10.2 x 44.2	AM4, EN92, GLR03A
ALK-AA ECONOMY	1.5	2000	14 x 50	AM3, EN91, GLR6AGP26A

Part #	Volts	Capacity (mAh)	Cross Reference
ALK-9V PANASONIC	9	550	PANASONIC: 6AM6, 6AM6X
ALK-AA PANASONIC	1.5	2200	PANASONIC: AM3, AM3PAX, AM3PAX/2S, AM3X
ALK-AAA PANASONIC	1.5	850	PANASONIC: AM4, AM4X
ALK-C PANASONIC	1.5	6600	PANASONIC: AM2
ALK-D PANASONIC	1.5	14800	PANASONIC: 13A, 4020, 7520, 813, AM1, AM1PAX, AM1X, BA3030U, KD
ALK-N PANASONIC	1.5	400	PANASONIC: AM5, AM5X

Powertool Batteries

Part #	Volts	mAh	Cross Reference
TOOL-176	9.6	1500	CRAFTSMAN 911030000
TOOL-178	12	1500	CRAFTSMAN 911031000
TOOL-180	14.4	1500	CRAFTSMAN 911033000
TOOL-182	18	1500	CRAFTSMAN 911034000
TOOL-184	24	1500	CRAFTSMAN 911035000
TOOL-927	9.6	1500	DEWALT TYPE 9062
TOOL-928	9.6	2000	DEWALT TYPE 9061
TOOL-9133	12	2000	DEWALT TYPE 9071

Batteries & Chargers - Batteries



Powertool Batteries (cont.)

Part #	Volts	mAh	Cross Reference
TOOL-929	12	1500	DEWALT TYPE 9072
TOOL-930	12	2400	DEWALT TYPE SUPER HIGH CAP
TOOL-932	14.4	2000	DEWALT TYPE 9091
TOOL-931	14.4	1500	DEWALT TYPE 9094
TOOL-9132	18	2000	DEWALT TYPE 9095
TOOL-934	18	2400	DEWALT TYPE 9096
TOOL-933	18	1500	DEWALT TYPE 9098
TOOL-47	7.2	1500	MAKITA 7000
TOOL-50	9.6	1500	MAKITA 9000
TOOL-70	18	1500	MAKITA 1822
TOOL-118	2.4	1500	MILWAUKEE 48-11-0100
TOOL-126	12	1500	MILWAUKEE 48-11-0140
TOOL-85	18	1500	MILWAUKEE 48-11-2200
TOOL-88	2.4	1500	PANASONIC EY9021
TOOL-102	9.6	1500	PANASONIC EY9182
TOOL-96	12	1500	PANASONIC EY9001

Duracell Procell Batteries



Part #	Volts	Dim. (LxWxH)	Cross Reference	Termination
ALK-D-DURPRO	1.5	34.2 Dia x 61.5	PC1300	Pressure
ALK-C-DURPRO	1.5	26.2 Dia x 50	PC1400	Pressure
ALK-9V-DURPRO	9	26.5 x 48.5	PC1604	Snaps
ALK-AA-DURPRO	1.5	14.5 Dia x 50.5	PC1500	Pressure
ALK-AAA-DURPRO	1.5	10.5 Dia x 44.5	PC2400	Pressure
ALK-J-DURPRO	6	48.26 x 9.14 x 35.56	PC7K67	Pressure
ALK-N-DURPRO	1.5	12 Dia x 30.2	PC9100	Pressure
DUR-903	7.5	184.15 x 103.17 x 95.22	PC903	Knurl
DUR-908	6	67.69 x 67.69 x 110.49	PC908	Coil Spring
DUR-915	6	67.69 x 67.69 x 110.49	PC915	Knurl
DUR-918	6	136.27 x 72.77 x 125.4	PC918	Knurl
DUR-1203	4.5	61.36 x 21.47 x 64.5	MN1203	Tabs
LITH-8 DURPRO	3	16.89 Dia x 34.5	PL123A	Pressure
TR12A DURPRO	1.5	16.07 Dia x 50.18	PC12A	Pressure
TR146ZA DURPRO	8.4	26.42 x 16.81 x 44.45	DA146	Pressure
TR164ZA DURPRO	5.6	16.51 Dia x 44.03	DA164	Pressure
TR175A DURPRO	7.5	2.7 Dia x 26.19	PC175A	Pressure
TR177A DURPRO	10.5	12.95 Dia x 47.14	PC177A	Snaps

Hawker / Energys Cyclon Monoblocs



Part #	Volts	Capacity
0809-0010	4	5.0
0809-0012	6	5.0
0819-0010	4	2.5
0819-0012	6	2.5
0859-0010	4	8.0
0859-0012	6	8.0

Lead-Acid Batteries



Part #	V	Cap.	Lgth in.	Wdth in.	Hght in.	Termination
LEAD-12-0.8	12	0.8	3.78	0.98	2.42	WIRE & CONN
LEAD-12-1.2	12	1.2	3.82	1.89	2.15	.187 TAB
LEAD-12-12	12	12	5.95	3.86	3.84	TAB
LEAD-12-18	12	18	7.12	2.99	6.57	NUT & BOLT
LEAD-12-2	12	2.0	5.91	.79	3.35	.187 TAB
LEAD-12-2.3	12	2.3	7.01	1.34	2.52	.187 TAB
LEAD-12-2.6	12	2.6	5.27	2.64	2.52	.187 TAB
LEAD-12-24B	12	24	6.54	6.89	4.92	NUT & BOLT
LEAD-12-24T	12	24	6.54	6.89	4.92	.250 TAB
LEAD-12-38	12	38	7.75	6.50	6.69	NUT & BOLT
LEAD-12-4	12	4.0	3.54	2.75	4.17	.187 TAB
LEAD-12-55	12	55	10.16	6.73	8.82	NUT & BOLT
LEAD-12-65	12	65	13.78	6.53	6.85	NUT & BOLT
LEAD-12-7	12	7.0	5.95	2.56	3.84	.187 TAB
LEAD-6-1.2	6	1.2	3.82	.98	2.15	.187 TAB
LEAD-6-10	6	10	5.95	1.97	3.84	.187 TAB
LEAD-6-10-250	6	10	5.95	.97	3.84	.250 TAB
LEAD-6-3	6	3.0	5.27	1.33	2.52	.187 TAB
LEAD-6-4	6	4.0	2.76	1.85	4.15	.187 TAB
LEAD-6-4W	6	4.0	2.76	1.85	4.04	WIRE & CONN
LEAD-6-7	6	7.0	5.95	1.33	3.84	.187 TAB

CHECK OUT
These Batteries & More!

✓ **PDA BATTERIES** ✓
TWO-WAY BATTERIES
LAPTOP BATTERIES ✓
PLC BATTERIES

Batteries & Chargers - Chargers



Energi To Go™

The NEW Generation of battery-powered charging devices for cell phones, perfect for the road warrior, on-the-go and on-the-job lifestyles. Charger plus 2 Lithium AA Batteries.



Part #	Connector
CEL2MOT	Motorola
CEL2MUSB	Mini USB
CEL2NOK	Nokia
CEL2SPR	1 Sprint and 1 Samsung

Chargers

Can be charged hundreds of times and operate at peak power for the life of the charge. Designed for heavy current applications maintains flat discharge curve. Reduces replacement costs and helps reduce landfill volume. Chargers will recharge batteries in three to five hours and will not overcharge batteries. Commercial applications includes digital thermometers, tens units, hand-held electronics, tape players, video equipment, compact disc players, televisions, cameras.



Part #	Description
CH15MNCP-4	Charges 4 AA or AAA in 15 minutes. Packed with 4 AA cells.
CHDCWOB	Charges AA or AAA in 8.5 hours. Packed with 4 AA cells.



Nickel Cadmium and Nickel-Metal Hydride Battery Chargers

Electronically-regulated current limited 2 stage chargers for nickel cadmium and nickel-metal hydride batteries. Timed C/10 charge rate with automatic switching to C/40 trickle rate after fourteen hours to keep the battery fully charged. LED's indicate charge mode. Units are calibrated to the battery pack's specifications based on the number and mAh capacity of the cells. Assemblies of 1-12 cells and capacities of 500-5,000 mAh can be charged in about 14 hours. The wall mounted design chargers are shipped with a 6 foot (1,800mm) 18-AWG output cable with 2.5mm ID barrel plug connector and feature a vented housing made of tough ABS plastic. To order, indicate number and capacity mAh of cells. Input voltage range: 110 to 120 VAC, 60 Hz. Operating temperature: 32°F -104°F (0°C - 40°C). Dimensions: Width 2.8 in. (71mm), Height 3.8 in. (96mm), Depth 2.8 in (71mm). Weight: 1.5lbs. (0.68kgs.).



Part # PSN

C-Series Switch-Mode Chargers for SLA Batteries

I.C. based voltage and current regulation designed for sealed (valve-regulated) lead-acid batteries. Useable on domestic and overseas input voltages from 110VAC - 60Hz to 240VAC - 50Hz. Automatic, current sensing dual-rate charging for efficient, care-free and safe operation. LEDs indicate 'power on' and "FAST" and "FLOAT" charging modes. Lightweight wall mount plug-in design for 300-1000 mA chargers with screw type output terminals; desktop design for 4 Amp and 24V chargers with input/output cords. Protected against accidental reverse polarity connection. UL and European CE approval.



Part #	Output Volt Nominal	Output Volt Range	Output Current mA	Type Automatic	Lgth in (mm)	Width in (mm)	Hght in (mm)	Wght lgs (grams)	Chapter Design
PSC-6300A-C	6	6.75-7.35	300	Dual rate	2.05 (52)	1.57 (40)	2.64 (67)	0.21 (94)	Plug-in
PSC-6500A-C	6	6.75-7.35	500	Dual rate	2.05 (52)	1.57 (40)	2.64 (67)	0.21 (94)	Plug-in
PSC-61000A-C	6	6.75-7.35	1000	Dual rate	2.24 (67)	1.73 (44)	3.23 (82)	0.30 (135)	Plug-in
PSC-64000A-C	6	6.75-7.35	4000	Dual rate	5.43 (138)	2.83 (72)	1.65 (42)	0.90 (140)	Desktop
PSC-12300A-C	12	13.50-14.70	300	Dual rate	2.05 (52)	1.57 (40)	2.64 (67)	0.21 (94)	Plug-in
PSC-12500A-C	12	13.50-14.70	500	Dual rate	2.24 (24)	1.73 (44)	3.23 (82)	0.30 (135)	Plug-in
PSC-12800A-C	12	13.50-14.70	800	Dual rate	2.24 (57)	1.73 (44)	3.23 (82)	0.30 (135)	Plug-in
PSC-124000A-C	12	13.50-14.70	4000	Dual rate	5.43 (138)	2.83 (72)	1.65 (42)	0.90 (140)	Desktop
PSC-241000A-C	24	27.00-29.40	1000	Dual rate	5.43 (138)	2.83 (72)	1.65 (42)	0.90 (140)	Desktop
PSC-6250F	6	6.75-6.90	300	Fixed volt. float	2.20 (56)	1.96 (50)	1.88 (48)	0.50 (225)	Plug-in
PSC-12500F	12	13.50-13.80	500	Fixed volt. float	2.55 (65)	1.88 (48)	2.98 (76)	0.80 (361)	Plug-in
PSC-122000A-C	12	13.50-14.70	1800	Dual rate	5.43 (138)	2.83 (72)	1.65 (42)	0.90 (140)	Desktop
PSC-1210000A-C	12	13.50-14.70	10000	Dual rate	8.88 (220)	5.17 (131)	3.33 (85)	4.30 (1950)	Desktop

Batteries & Chargers - Chargers



A and F Series Transformer Type Battery Chargers for SLA

Features include: Electronically regulated. Wall mount plug-in design for 250, 300, 500, 800 Series and 61000A. Counter top design for 241000A, 2000, 4000 and 10A Series. 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, 50Hz. 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. F Series: 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. 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. Chargers combine the advantages of float and cycle chargers; recharge time is short yet batteries are safe from being overcharged.

Part #	Output Volt Nom.	Output Volt Range	Output Current Nom.	Output Current Max.	Use with Battery Cap.	Type	LxWxH (in.)	Weight (lbs.)
PSC-6250A	6	6.72-7.35	300	400	1-5 AH	Dual volt. auto	2.20 x 1.96 x 1.88	0.50
PSC-6300A	6	6.84-7.35	300	300	1-5 AH	Dual volt. auto	2.75 x 2.75 x 3.75	1.36
PSC-6500A	6	6.75-7.35	600	750	2-10 AH	Dual volt. auto	2.55 x 1.88 x 2.89	0.80
PSC-61000A	6	6.84-7.35	1000	1000	4.5-12 AH	Dual volt. auto	2.75 x 2.75 x 3.75	1.36
PSC-64000A	6	6.72-7.35	3500	4000	20-40 AH	Dual volt. auto	5.70 x 5.80 x 3.30	6.00
PSC-12250A	12	13.50-13.70	250	400	1-5 AH	Dual volt. auto	2.2 x 1.96 x 1.88	0.50
PSC-12300A	12	13.68-14.70	300	300	1-5 AH	Dual volt. auto	2.75 x 2.75 x 3.75	1.36
PSC-12500A	12	13.50-14.70	500	600	2-10 AH	Dual volt. auto	2.55 x 1.88 x 2.89	0.80
PSC-12800A	12	13.68-14.70	800	800	4-12 AH	Dual volt. auto	2.75 x 2.75 x 3.75	1.36
PSC-122000A	12	13.50-14.70	2000	2000	10-20 AH	Dual volt. auto	5.55 x 3.60 x 2.90	3.80
PSC-124000A	12	13.50-14.70	4000	4750	12-40 AH	Dual volt. auto	6.65 x 5.30 x 3.40	7.40
PSC-124000AP	12	13.50-14.70	4000	3500/2500	12-40 AH	Charger/Pwr Supply	6.65 x 5.30 x 3.40	7.40
PSC-1210000A	12	13.50-14.70	10000	10000	40-100 AH	Dual volt. auto	7.95 x 6.10 x 4.50	9.00
PSC-241000A	24	27.00/29.40	1.00	1.00	Dual volt. auto.	5.55 x 3.60 x 2.90	3.8	



5/10 Hours Plug-In NI-CD/NIMH Battery Charger for "AA"

Recharges NI-CD/NI-MH batteries 2 pieces or 4 pieces of AA at a time. Installed with LED lamp indicating proper charging. Charging time for Ni-Cd is 5-7 hours and Ni-Mh is 10-14 hours.



Plug-In NI-MH & NI-CD Battery Charger for "AA", 9V Batteries

Recharges 1-4 pieces of AA or one piece of 9V NI-CD/NI-MH batteries at a time. Recharges batteries singularly or in a group. Equipped with LED lamp to indicate proper charging. Charging time: AA 600mAh-6 hrs, AA 700mAh-7hrs, AA 800mAh-8hrs, AA 1000mAh-10 hrs, AA 1200mAh-12 hrs, AA 1300mAh-13 hrs, AA 1500mAh-15 hrs and 9V cell 110mAh-10 hrs.



Part # CHG-2P

Part #	Description
CHG-1P	5/10 Hours Plug-In NI-CD/NIMH Battery Charger for "AA"
CHG-1WBP	5/10 Hours Plug-In NI-CD/NIMH Battery Charger for "AA" (Includes 4 Ultra High Capacity AA Batteries)

Plug-In Type Speedy IN-CD & NI-MH Battery Charger for "AA", "AAA" and 9V Batteries

Quick charge for 1-4 pieces size AA, AAA, NI-CD & NI-MH batteries. Standard charge for 1 or 2 pieces 9V cells. With battery type selector for NI-CD or NI-MH AA, AAA batteries. Recharges batteries singularly or in a group. Automatic charging current selection for AA, AAA, and 9V cells. Dual color LED indication: red color to indicate charging mode and green color to indicate ready/trickle charge mode. Built-in 1c timer control. Charging time: NI-CD AA/AAA is 4 hours by timer control, NI-MH AA/AAA is 7 hours by timer control and NI-CD/NI-MH 9V is 10-15 hours by manual. Includes swirled AC plug.



Part # CHG-3P

Universal AC/DC Charger for Lithium ION Batteries

Charges from cigarette lighter or AC power at home. Charges the following: Canon (CAM-911, CAM-924, CAM-941), Hitachi (CAM-BPL13, CAM-BPL13-27), JVC (CAM-107, CAM-114, CAM-407, CAM-416, CAM-428), Panasonic (CAM-BPL13, CAM-BPL13-27, CAM-V856), RCA (CAM-408, CAM-416, CAM-428), Sharp (CAM-L1, CAM-L1-4.1), Sony (CAM-F330, CAM-F550, CAM-F750, CAM-F950, CAM-FM70, CAM-FM90, CAM-FM91)

Part # CCA-UC2



Batteries & Chargers - Chargers



Computer Controlled 1 Hour Ultra-Fast NI-MH & NI-CD Super Charger

Charger for "AA", "AAA" Size Batteries. Recharges 2 or 4 pieces size AAA, AA NI-MH/ NI-CD batteries in just one hour. Direct plug-in type combined with switching power technology-high efficiency, compact size & light in weight. Intelligent microprocessor controlled. With negative delta V (-pV) cut-off function. Use constant current pulse charging system. Automatic charging current selection for AA, AAA batteries. With maximum charging timer control for overcharge protection. Identification of defective cells. Includes short circuit protection and mechanical and electrical protection against wrong polarity. LED lamp to indicate fast charge & trickle charge. Especially designed for recharging batteries used in Digital camera, Handheld PC, Palm and PDA etc.



Part # CHG-4P

Universal Fast NI-MH, NI-CD Battery Charger with Timer Control

Recharges 1-4 pieces size AAA, AA, C & D NI-MH/NI-CD batteries. Standard charge for 1 or 2 pieces 9V cells. With battery type selector for NI-CD or NI-MH AAA, AA, C & D batteries. Recharges batteries in single or group. Automatic charging current selection for the different size of batteries. Built-in IC timer control. LED lamp to indicate proper charging. Fast charging in the specified period with automatic switch to trickle charge. Charging time: NI-CD AA/AAA: 5 hours by timer control; NI-MH AA/AAA: 8 hours by timer control and NI-CD/NI-MH 9V: 10-15 hours by manual.



Part # CHG-6P

Automatic NI-MH/NI-CD Battery Charger

For 2/4/6/8 pieces "AA", "AAA" with timer control. Recharges NI-MH/NI-CD batteries 2, 4, 6 & 8 pieces of AA, AAA at a time. With battery type selector for NI-CD or NI-MH batteries (NI-CD: 5 hours; NI-MH: 8 hours). Automatic charging current selection for size AA and AAA. Advance charging circuit with protection when a charging group is mixed with different size batteries (AA & AAA). Built-in IC timer control. Fast charging in the specified period with automatic switch trickle charge. LED lamp to indicate proper charging.



Part # CHG-5P

Lead-Acid Chargers



Part #	Output Voltage (V)
Leadchg-12V	12V
Leadchg-6V	6V

Battery Chargers/Conditioners/Refreshers

Part #	Description
CCA-415	Fits Panasonic 4.8V/6V, RCA, Sharp, JVC, Sony, Canon, Hitachi and others. AC/DC operation capabilities. Safety circuit monitoring. Works with NI-CAD, LEAD and NIMH. Charge time is 1 to 2 hours. Full LED readout.
CCA-V1012	ACDC operation capabilities. Fits Panasonic/Sharp 12V VHS type. Fits RCA/Hitachi 9.6V, 10V VHS type. Fits JVC-C 9.6V, 10V Grip type. Extra plate for additional units. Charge time is approximately 2 to 3 hours.



On-Board Chargers

Feature three stages (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 #	Input Volt	Output Volt	DC Amp	Output Cable	DC Terminations	No. of Batteries
2605A-1-24	115 AC	24V	5A @ 24V	1 set, 4' long	3 Pin AMP Connectors	(2) 12V in 24V Series
2607A	115 AC	12V or 24V	6A @ 12V (3A/3A)	2 sets, 4' long	Ring Terminals	(2) 12V or (1) 24V Series
2608A	115 AC	12V	6A @ 12V	1 set, 4' long	Ring Terminals	(1) 12V
2610A	115 AC	12V	10A @ 12V (5/5)	2 sets, studs	Hard Wire Posts	(2) 12V
2611A	115 AC	12V or 24V	10A @ 12V (5A/5A)	2 sets, 4' long	Ring Terminals	(2) 12V or (1) 24V Series
2611-1-B	115 AC	12V	10A @ 12V	1 set, 4' long	Ring Terminals	(1) 12V
2613A	115 AC	12V, 24V or 36V	15A @ 12V (5/5/5)	2 4' long and 1 6' long	Ring Terminals	(3) 12V in 12V, 24V or 36V Configuration
2620A	115 AC	12V or 24V	20A @ 12V (10A/10A)	2 sets, 6' long	Ring Terminals	(2) 12V or (1) 24V Series
2620-1-B	115 AC	24V	10A @ 24V	1 set, 6' long	Ring Terminals	(2) 12V in 24V Series
2623A	115 AC	12V or 24V	25A @ 12V (10/5/10)	3 sets, 6' long	Ring Terminals	(3) 12V or 24V Series + 12V
2631A	115 AC	12V, 24V or 36V	30A @ 12V (10A/10A/10A)	3 sets, 6' long	Ring Terminals	(3) 12V, 24V + 12V or 36V
2631-36-B	115 AC	36V	10A @ 36V	1 cable, 6' long	Ring Terminals	(3) 12V in 36V Configuration
2730-24-B	115 AC	24V	15A @ 24V	1 set, 6' long	Ring Terminals	(2) 12V in 24V Series
2745A	115 AC	12V, 24V or 36V	45A @ 12V (15A/15A/15A)	3 sets, 6' long	Ring Terminals	(3) 12V, 24V + 12V or 36V
2745-36-B	115 AC	36V	15A @ 36V	1 set, 6' long	Ring Terminals	(3) 12V in 36V Series
2903-1-24	115 AC	24V	3A @ 24V	1 set, 6' long	3 pin AMP connectors	(2) 12V in 24V Series
2614A	115 AC	12V	15A @ 12V (5A/10A)	Not included	Studs	(2) 12V
2622A	115 AC	12V or 24V	20A @ 12V (10A/10A)	Not included	Studs	(2) 12V in 12V or 24V Configuration
2633A	115 AC	12V	30A @ 12V (10/20)	Not included	Studs	(2) 12V
2730A	115 AC	12V or 24V	30A @ 12V (15A/15A)	2 6' long	Ring Terminals	(2) 12V or (1) 24V Series

Batteries & Chargers - Chargers



Portable Battery Chargers

115V Portables, accepting input power of 95-130vAC/50-60Hz

Perfect for car, tractor, boat and motorcycle, flooded or gel cell batteries, the 2606A and 2612A feature 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. Keeps 5 to 125 amp batteries factory fresh.



Part #	Input Volt	Output Volt	DC Amp	Output Cable	DC Termin.	No. of Batteries
2602	115 AC	12V	0.5A @ 12V	1 set, 4' long	Alligator Clips	(1) 12V
2606A	115 AC	12V	6A @ 12V	1 set, 4' long	Alligator Clips	(1) 12V
2612A	115 AC	12V	10A @ 12V	1 set, 4' long	Alligator Clips	(1) 12V

115V On-Board and/or Portables, accepting input power of 95-130vAC/50-60Hz

Part #	Input Volt	Output Volt	DC Amp	Output Cable	DC Termin.	No. of Batteries
2602A-12	115 AC	12 V	2A @ 12V	1 set, 4' long	Ring Terminals	(1) 12V
2601	115 AC	12 V	2A @ 12V	10' with quick connect	Ring Terminal/Battery Clip	(1) 12V

Batteries & Chargers - Flashlights



Toolbox Flashlights



R215WB-S



IN215WB-S



IN251WB-S

Part #	Description
R215WB-S	2AA Flashlight. Heavy duty rubber case. Shatterproof lens. Non-slip grip. One hand push-button switch. Non-roll foot.
IN215WB-S	2AA Flashlight. Krypton bulb. Impact Resistant. Resistant to grease, oil and other solvents. Large switch with bumpguard. Hanger ring.
IN251WB-S	2D flashlight. Krypton bulb. Impact Resistant. Resistant to grease, oil and other solvents. Spare bulb holder. Large switch with bumpguard. Hanger ring.

LED

Part #	Description
CLED2D-E	Flashlights. 4 white LEDs. 50 hour runtime on 2D battery. Rubber, non-slip grips.
HDL33A2E	Headlights. 4 lighting options. 2 focused white LED for spot. 2 wider white LED for flood dispersion. 4 LED for max light output. 2 red LED for night vision.

Hard Case Lantern™



Part #	Description
TUF2D1E	Super Krypton lamp. Impact resistant. Thick wall ABS construction. Waterproof and floats. Shatterproof lens and lifetime soft push button switch.
TUF4D1EH	Impact resistant, steel plate bolted sides. Waterproof. Shatterproof lens. Survives a 15' drop test. Uses 4D Energizer Alkaline batteries. Built-in two position stand. Super Krypton bulb. Lifetime warranty. Case pack 4.
TUF421WB-E	130° swivel head. Survives 15' drop test. Weatherproof.
TUF2AA1E	White LED - never needs replacing. Water resistant. Survives 30' drop test. Packed with 2AA Energizer batteries.



Industrial Flashlights



1351



1359



5109IND

Part #	Description
1259	2D Flashlight. UL/MSHA Approved. Large switch with bump-guard. Shatterproof Lens. Ribbed non-slip grip. Non-conductive hanger ring. Individually boxed. Full lifetime warranty.
1351	3D Flashlight. Impact Resistant. Resistant to grease, oil and other solvents. Large switch with bump guard. Hanger ring. Spare bulb holder.
1359	3D Flashlight. UL/MSHA Approved. Large switch with bump-guard. Shatterproof lens. Ribbed non-slip grip. Non-conductive hanger ring. Full lifetime warranty.
5109IND	6V Floating Lantern. Bright PR13 bulb for long life battery. Shatterproof lens. Soft push-button switch. Contemporary design-durable case. Anti-roll foot.

Industrial Flashlights

2D Flashlight. Impact resistant. Resistant to grease, oil and other solvents. Large switch with bumpguard. Hanger Ring. Spare bulb holder.

Part # 1251



6V Lantern. UL/MSHA Approved. Shatterproof Lens. Floats. Full Lifetime Warranty. Safety light, resistance to corrosion, MSHA approvals, U.L. Listed.

Part # 459



2AA Flashlight. Impact resistant. Resistant to grease, oil and other solvents. Large switch with bumpguard. Hanger ring.

Part # 1151



Batteries & Chargers - Flashlights



Industrial Flashlights (cont.)

6V Screw Post Lantern Swivel head. Large reflector. Bright sealed beam. Heavy duty metal construction. Raised push-button switch.



Part # 9101IND

2D Flashlight. Krypton bulb. Heavy Duty rubber case. Shatterproof lens. One hand push-button switch.



Part # 4250IND

2D magnet light. Krypton bulb. Chemical resistant.



Part # E251Y

2D Flashlight. Non-roll head. Ribbed sure grip case.



Part # E250Y



Flashlights



Part #	Description	Battery Requirement
FL-ML820-P	Penlight	ALK-AA (2)
FL-ML901F	Hanging ring and switch guard	ALK-D (2)
FL-ML902-FM	Magnet and switch guard	ALK-D (2)
FL-PC100-W	White, high impact plastic	ALK-D (2)
FL-PC148	Economy lantern	DUR-908
FL-PC550	Safety yellow lantern	DUR-908
FL-PC650ABK	Heavy duty rubber construction	ALK-AA (2)
FL-PC650DBK	Heavy duty rubber construction	ALK-D (2)
FL-PC2440	Economy flashlight	ALK-D (2)
FL-PC2445M	Magnet and switch guard	ALK-D (2)
FL-PC2912	Safety version	ALK-D (2)



Deluxe LED Hat Light

Attach it to a hard hat, a baseball cap or even a panel door for all the light you need. Three super bright white LEDs. 360° Rotating clip. Special hard-hat attachment included. 40 Hour battery life. Water resistant. Durable polymer construction. Rubber shielded Bezel. Also includes a neck lanyard.



Part # L206



High Intensity Light with Collector's Cap

Powerful, lightweight, mini-Xenon worklight shines right where you're working. Comes with Limited Edition Fluke Collector's Cap. Cap adjusts for all-day comfort. Light attaches to bill of cap. Rugged light withstands 6' drops to concrete. Waterproof light case won't crack or chip. Electrically and thermally nonconductive.



Part # L207

Mini Hat Light

Rugged, high intensity Xenon worklight allows you to work with both hands. Attaches to a baseball hat - includes hat clip. Electrically and thermally nonconductive. Withstands 6' drops to concrete. Waterproof. Rugged ABS case won't crack or chip.



Part # L205

LVD2 Volt Light

Pen Style non-contact AC voltage detector and bright white LED flashlight and volt detector in one convenient, compact design. Detects voltage from 90V to 600V AC from 1 to 5 feet away. Cat IV rated and has a one year warranty. Dimensions (H x W x D) in cm are 23 x 14 x 2.5.



Part # LVD2



Coast Flashlights



General Use Lights

Part #	Description	Batteries Included
TT1006CP	V2 6 Chip Flashlight/Black	(3) AAA
TT1012CP	V2 16 Chip Flashlight/Black	(3) C
TT1089CP	V2 9 Chip Flashlight/Black	(2) C
TT1106CP	V2 6 Chip Dual Color Flashlight/Black	(3) AAA
TT7463CP	V2 Mini Moon Lenser White Beam	Pouch & (1) AAA
TT75331CP	Clip Light	(3) AG13
TT7578CP	360 Degree Micro Flex Light	(4) AG5
TT7582CP	360 Degree Small Flex Light	(4) AG13
TT7583CP	360 Degree Medium Flex Light	(1) AAA

Professional Use Lights



Part #	Description	Batteries Included
TT7438CP	Tactical Focus Beam Black - 1.5W power/60.2 lumens	-
LL7456	Frogman Marine Torch/Neon - 1.25W	(4) AA
TT7461CP	V2 Power Chip - 1.25W	Sheath & (1) AA
TT7484CP	Micro Triplex Dive Torch/Neon	(4) AAA
TT7526CP	V16 Pen Light, White Beam	(2) BR435
TT7584CP	360 Degree Large Flex Light	(1) AA
TT7840CP	Digitac I Black - 1.25W	Sheath/Lanyard & (1) AA

ASK US ABOUT...

Coast Replacement Batteries



Batteries & Chargers - Flashlights



Tactical Use Lights



Part #	Description	Batteries Included
TT7736CP	V2 Tactical Power Chip Torch/White Beam - Black/Alum.	(3) AAA
TT77364CP	4 Color Recon Torch	Sheath/Lanyard & (3) AAA
TT7736DCP	V2 6 Chip Dual Color Tactical Torch	Sheath/Lanyard & (3) AAA
TT7745CP	V2 Tactical Triplex Torch - Aluminum	Sheath/Lanyard & (3) AAA
TT7830CP	Mini Tactical Torch - Black/White Beam	(4) AG13
TT7833CP	Mini Tactical Torch - Red/White Beam	(4) AG13
TT7847CP	Digitac II - Black - 1.25W	Sheath/Lanyard & (1) AA
TT7468CP	Revolution Headlamp - 1.25W Beam w/ dimmer	(3) AAA



Camping/Emergency Lights & Headlamps



Part #	Description	Batteries Included
TT7100CP	Personal lantern - 3.55W / 45 lumens (6")	(4) AA
TT7451CP	Micro Headlamp	(1) AA

Batteries & Chargers - Accessories



Battery Snaps

Nine volt battery snap - 24 AWG 150mm long. Use -10 for display package.



Part #	Description
57-901-0	'I' type bulk
57-902-0	'T' type bulk
57-902M-0	'T' type

Battery Holders



Part #	Holder Type
57-322-0	2 x 'AA'
57-342-0	4 x 'AA'
57-242-0	4 x 'C'
57-422-0	2 x 'AAA'
57-343-0	4 x 'AA'
57-442-2	4 x 'AAA'



Battery Holders

Most battery holders are black plastic.



Part #	Description
2090	Fahnstock clip - 3/4" brass, nickel plated
BC9	9 volt battery snap, insulated - 3" leads



Battery Holders (cont.)

Part #	Description
BH102	For 1 large 9 volt flat type
BH111	For 1 D cell with solder lug connection
BH121	For 2 D cells with solder lug connection
BH142	For 4 D cells with solder lug
BH181	For 8 D cells with solder lug connection
BH211	For 1 C cell with solder lug connection
BH221	For 2 C cells with solder lug connection
BH243	For 4 C cells with solder lug connection
BH261	For 6 C cells with solder lug connection
BH3103	For 10 AA cells (UM-3) with solder lug connection
BH311	For 1 AA cell with solder lug connection
BH320	For 2 AA cells (UM-3) with cover and lead wire connection
BH321	For 2 AA cells with solder lug connection
BH331	For 3 AA cells with standard snap connection
BH341	For 4 AA cells with standard snap connection
BH343	For 4 AA cells with standard snap connection
BH363	For 6 AA cells with standard snap connection
BH383	For 8 AA cells with standard snap connection
BH411	For 1 AAA cell (UM-4) with solder lug connection
BH421	For 2 AAA cells (UM-4) with solder lug connection
BH511	For 1 N cell (UM-5) with solder lug connection
BH521	For 2 N cells (UM-5) with solder lug connection
BH65	For 1 large D cell
BH910	For 1 9 volt battery with standard snap connection
BH980	Metal clip for 9 volt battery

