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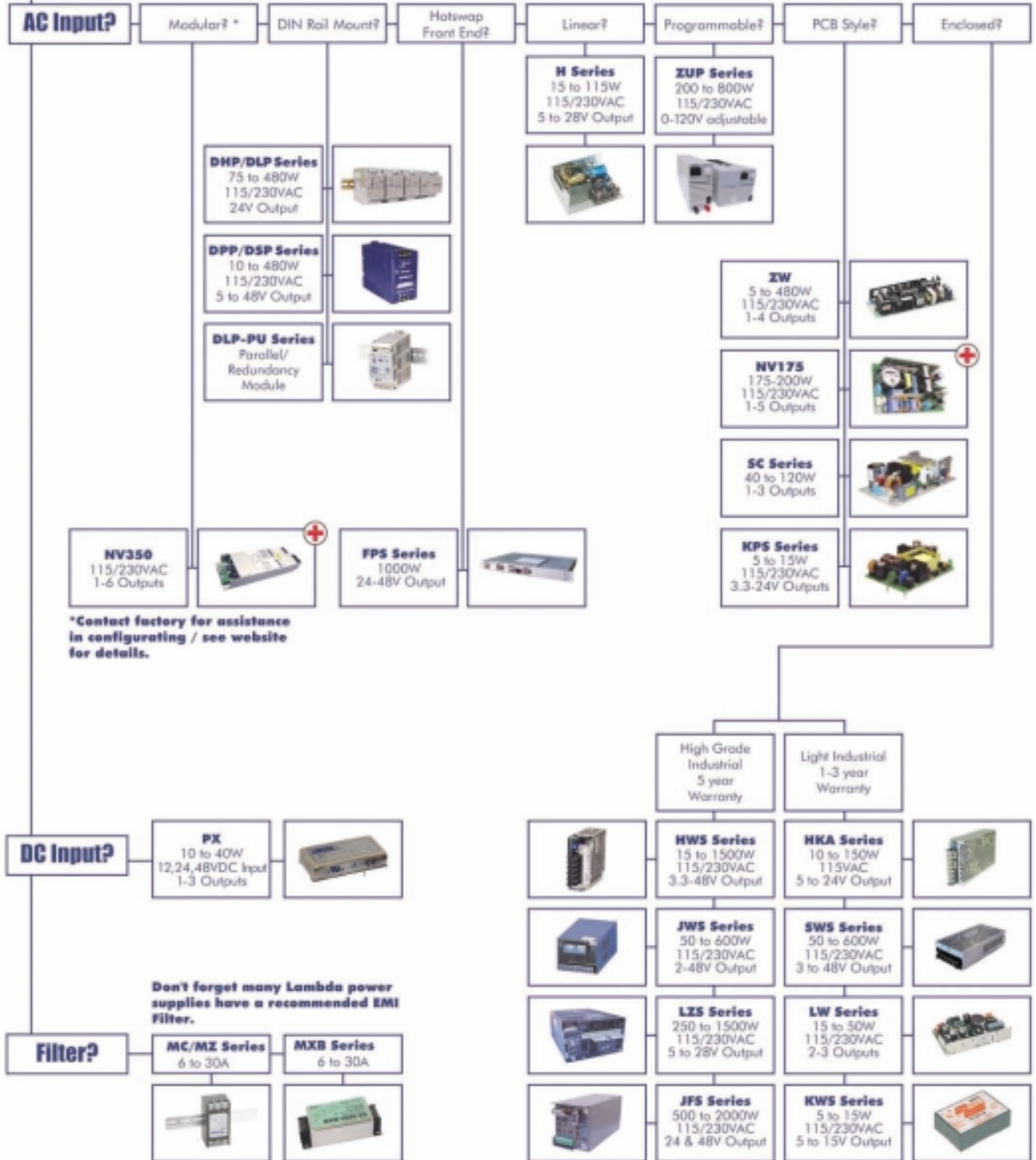
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See all of our RoHS compliant & non-compliant products online.

# LAMBDA Selector Guide



 Medical Approvals



ALKALINE BATTERIES

**DURACELL® POWERPIX ALKALINE BATTERIES**



- NiOx technology for optimal performance in digital cameras

PowerPix with NiOx technology provide up to 2 times more digital pictures versus ordinary alkaline batteries\*.

Mfg. Part No.	Size	Volts	Pkg. Qty.	Stock No.	Price per Pkg.
NX1500B4Z	AA	1.5	4	29M6885	7.13
NX1500B8Z	AA	1.5	8	29M6890	13.56
NX2400B4Z	AAA	1.5	4	29M6892	7.13

\*Results vary by camera (88124)

**DURACELL® ULTRA BATTERIES**



- High-Performance Alkaline Batteries Designed to Meet Today's (and Tomorrow's) Most Demanding High-Drain Devices
- Available in Blister Packs or Each
- Special Carbon Can-Coating Improves Conductivity to Deliver Higher Power
- Additional Electrolyte Facilitates Current Flow to Ease Power Delivery
- Finer Graphite Increases Conductivity in the Cathode to Improve Cell Efficiency
- New, Thinner Separator Material Increases Current Delivered to High-Drain Devices



MX1604

MX2400

**BLISTER PACKS**

Mfg. Part No.	Size/Volts	Pkg. Qty.	Stock No.	Price per Pkg.	
				1-12	
MX1500B8Z	AA/ 1.5	8	48F993	11.98	
MX2400B4Z	AAA/ 1.5	4	48F995	6.32	
MX2400B8Z	AAA/ 1.5	8	18C0820	11.98	
MX2500B2PK	AAAA/ 1.5	2	89C0726	3.25	

**SOLD INDIVIDUALLY**

Mfg. Part No.	Size/Volts	Stock No.	Price Each		
			1-12	13-24	25-120
MX1500TC24	AA/ 1.5	48F992	1.89	1.74	1.65
MX2400TC24	AAA/ 1.5	48F994	1.89	1.74	1.65

(34870)

**PROCELL® INDUSTRIAL ALKALINE BATTERIES**



- Long Lasting and Dependable Even After 7-Years of Storage!
- Lasts 10 Times Longer Than Super Heavy-Duty Batteries

Sold individually. Also available in economical bulk packaging for professional use; go online or call.

Mfg. Part No.	Size/Volts	Capacity (mAh)	Stock No.	Price Each	
				1-12	
PC1500TC24	AA, 1.5V	2450	46F5933	0.58	
PC2400TC24	AAA, 1.5V	1120	87F5215	0.62	
PC1400	C, 1.5V	71000	46F5932	1.11	
PC1300	D, 1.5V	13000	46F5931	1.14	
PC1604TC12	9V	565	46F5934	2.04	

(6875)

Talk to our team of engineers.

Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

(94668)

**DURACELL® "COPPERTOP" ALKALINE BATTERIES**



**BLISTER PACKS**

TRUS±ED EVERYWHERE™

Mfg. Part No.	Size/Volts	Pkg. Qty.	Stock No.	Price per Pkg.	
				1-12	
MN1500B4Z	AA/ 1.5	4	92F4513	4.86	
MN1500B8Z	AA/ 1.5	8	95F4745	9.22	
MN2400B8Z	AAA/ 1.5	8	92F4515	9.22	
MN1400R4ZX	C/ 1.5	4	95F4744	9.22	
MN1300R4Z	D/ 1.5	4	95F4743	9.22	
MN1604B2Z	9V	2	92F4514	9.22	

**SOLD INDIVIDUALLY**

Mfg. Part No.	Size/Volts	Stock No.	Price Each		
			1-12	13-24	25-120
MN1500TC24	AA/ 1.5	03F7110	1.65	1.52	1.39
MN2400TC12	AAA/ 1.5	03F7112	1.65	1.52	1.39
MN1400	C/ 1.5	03F7114	2.36	2.17	1.99
MN1300	D/ 1.5	03F7116	2.36	2.17	1.99
MN1604TC12	9V	49F1175	4.86	4.47	4.11

(6878)

**DURACELL® ALKALINE LANTERN BATTERIES**



MN908

MN918

Mfg. Part No.	Volts	Capacity (mAh)	Stock No.	Price Each	
				1-12	
MN908	6	13,000	81F151	10.10	
MN918	6	40,000	81F152	21.00	

(6908)

**MALLORY™ SUPER HEAVY-DUTY PLUS™ BATTERIES**



M13SHD

M9VSHD

Mfg. Part No.	Size	Volts	NEDA	Stock No.	Price Each	
					1-12	
M13SHD	D	1.5	13D	87F2777	0.58	
M9VSHDDB	9V	9.0	1604D	87F2768	1.30	

(6881)

**PROCELL® INDUSTRIAL ALKALINE LANTERN BATTERIES**



Mfg. Part No.	Volts	Capacity (mAh)	Terminal	Stock No.	Price Each	
					1-12	
PC903	7.5	40000	Insul. Screw	46F5925	30.44	
MN918	6	30000	Insul. Screw	81F152	21.00	

(6880)

ALKALINE BATTERIES • LITHIUM BATTERIES

ENERGIZER®  
ALKALINE  
BATTERIES



Suffix BP in mfg. part no. indicates blister pack; suffix FP indicates family pack. Sold in package quantities listed.

Mfg. Part No.	Size	Volts	NEDA	Pkg. of	Stock No.	Price Per Pkg.
E-91	AA	1.5	15A	1	90F3321	1.59
E91BP-2	AA	1.5	15A	2	50F116	2.82
E91FP-12	AA	1.5	15A	12	50F2594	12.11
E92	AAA	1.5	24A	1	03F7111	1.68
E92BP-2	AAA	1.5	24A	2	50F117	2.82
E92FP-12	AAA	1.5	24A	12	27C4318	12.11
E96-BP-2	AAAA	1.5	25A	2	98F6050	3.03
E93BP-2	C	1.5	14A	2	50F118	4.86
E93FP-8	C	1.5	14A	8	50F2595	15.89
E95BP-2	D	1.5	13A	2	50F119	4.86
E95FP-8	D	1.5	13A	8	50F2596	15.89
522	9V	9.0	1604A	1	48F917	5.19
522BP-2	9V	9.0	1604A	2	17C5580	9.06

(61976)

ENERGIZER® INDUSTRIAL ALKALINE  
BATTERIES



Mfg. Part No.	Size	Volts	Stock No.	Price Each
				1-12
EN91	AA	1.5	81F158	0.65
EN92	AAA	1.5	87F4417	0.71
EN93	C	1.5	81F159	1.19
EN95	D	1.5	48F915	1.20
EN22	9V	9.0	81F157	1.96

(62071)

TITANIUM ALKALINE BATTERIES



X91RP-4

X22RP-2

Titanium technology provides high-performance. E-snap recloseable package.

Mfg. Part No.	Size	Volts	Pkg. Qty.	Stock No.	Price per Pkg.
					1-12
X91RP-4	AA	1.5	4	02C7432	5.98
X91RP-8	AA	1.5	8	30C4235	11.37
X92RP-4	AAA	1.5	4	02C7433	5.98
X92RP-8	AAA	1.5	8	30C4236	11.98
X22RP-2	9V	9	2	30C4234	11.37

(61975)

INDUSTRIAL LANTERN  
BATTERIES



- Designed for heavy current or continuous use
- Operates well in extreme temperatures
- Excellent shelf life
- Mfg. part no. EN529 features a 40% service improvement

EN529

Mfg. Part No.	Description	NEDA	Dimensions L x W x H (mm)	Stock No.	Price Each
EN529	Energizer Industrial 6V Alkaline Coil Spring Terminal	908AC	66.7 x 66.7 x 115.0	95F7738	10.18
521	Energizer 6V Alkaline Inside Knurl Terminal	918A	136.5 x 73.0 x 125.4	44F966	32.06
1231	Eveready 6V CZ Inside Knurl Terminal	918D	136.5 x 73.0 x 125.4	44F968	15.85
1209	Eveready 6V Super Heavy Duty Coil Spring Terminal	...	68.20 x 68.20 x 115.0	49F1222	3.49
510S	Energizer 6V CZ Knurl External Terminal	915	66.7 x 66.7 x 109.5	03F7083	5.19
732	Eveready 12V HD	926	135.7 x 72.2 x 125.4	03F7103	20.21
EN539	Energizer Industrial 6V Alkaline Flat Top	1412AP	35.6 x 9.18 x 48.5	16F1019	4.82

(62076)

EASYPACK LITHIUM  
POLYMER BATTERIES

VARTA Microbattery

mobility for you



66380711099

68021096279

- Gold plated contacts (both top and front)

EasyPack is the complete lightweight, off-the-shelf rechargeable battery solution for portable applications. The complete system includes off-the-shelf fittings and charger. EasyPack cells have passed DOT UN "T" testing for lithium batteries.

Mfg. Part No.	Volts	Capacity (mAh)	Height (mm)	Length (mm)	Width (mm)	Stock No.	Price Each
66590711099	3.7	570	5.8	43.5	35.4	66K5997	9.28
66352711099	3.7	750	5.2	64.5	36.6	66K5994	9.64
66380711099	3.7	1000	6.4	64.5	36.6	66K5995	11.17
66380712099	3.7	2200	11.4	64.5	36.6	66K5996	20.23

EASYPACK EVALUATION KIT

All you need for an easy battery pack design-in support.

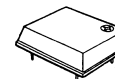
Mfg. Part No.	Description	Stock No.	Price Each
68021096279	Easy Pack Evaluation Kit	66K5998	250.00

(85794)

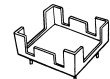
LIFEX™ FB SERIES LITHIUM BATTERIES AND  
BATTERY SOCKET



- Allow Series or Parallel Interconnection Between Cells
- Withstand Harsh Manufacturing & User Environments
- Ideal for Automated Placement
- Nominal Voltage: 3.0 Series, 6.0 Parallel



FB-1225H2-B



RH-23H2-B

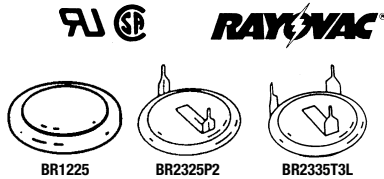
Mfg. Part No.	Capacity (mAh)		Maximum Pulse (mA)		Stock No.	Price Each	
	Series	Parallel	Series	Parallel		1-24	25-49
FB-1225H2-B	100	50	16	8	87F3484	11.45	9.15
RH-23H2-B	RELEX™ PC-Mount Battery Socket				90F7362	5.97	4.77

(7018)

LITHIUM BATTERIES

LIFEX™ 3-VOLT LITHIUM COIN-CELL BATTERIES

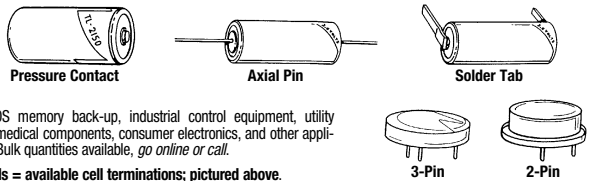
- High-Energy Density and Voltage
- Lithium System Offers Chemical & Thermal Stability
- Operating Temperature Range: -40°C to +85°C
- UL Recognized, CSA Certified



Mfg. Part No.	Capacity (mAh)	Maximum Pulse (mA)	Tab Configuration	Stock No.	Price Each	
					1-24	25-49
BR1225	39	8	None	44F6692	1.95	1.57
BR2325P2-B	180	10	2 Pins	44F6687	3.95	3.17
BR2335T3L-B	300	10	3 Tabs	52F004	3.25	2.61

(7019)

3.6-VOLT MEMORY BACK-UP BATTERIES



For CMOS memory back-up, industrial control equipment, utility meters, medical components, consumer electronics, and other applications. Bulk quantities available, go online or call.

Terminals = available cell terminations; pictured above.

Mfg. Part No.	Size	Capacity	D x H	Terminals	Stock No.	Price Each	
						1-24	25-49
TL-5101/S-BP	1/2AA	950mAh	0.58 x 1.00" (14.73 x 25.40)	Pressure Contact	87F6401	5.39	
TL-5101/T-BP	1/2AA	950mAh	0.58 x 1.00" (14.73 x 25.40)	Solder Tab	87F6409	5.70	
TL-5101/P-BP	1/2AA	950mAh	0.58 x 1.00" (14.73 x 25.40)	Axial Pin	87F6410	5.70	
TL-5155/T-BP	2/3AA	1450mAh	0.58 x 1.28" (14.73 x 32.51)	Solder Tab	92F2486	6.42	
TL-5155/P-BP	2/3AA	1450mAh	0.58 x 1.28" (14.73 x 32.51)	Axial Pin	92F2487	6.42	
TL-5104/S-BP	AA	2100mAh	0.58 x 2.00" (14.73 x 50.80)	Pressure Contact	87F6411	6.42	
TL-5104/T-BP	AA	2100mAh	0.58 x 2.00" (14.73 x 50.80)	Solder Tab	87F6412	6.73	
TL-5104/P-BP	AA	2100mAh	0.58 x 2.00" (14.73 x 50.80)	Axial Pin	87F6413	6.73	
TL-5135/SPBP	Coin	1700mAh	1.30 x 0.39" (33.02 x 9.91)	3 Pin	27C7062	7.46	
TL-5134/SPBP	Coin	1000mAh	1.30 x 0.26" (33.02 x 6.60)	3 Pin	27C7050	6.84	
TL-5186/P-BP	Coin	400mAh	0.89 x 0.26" (22.61 x 6.60)	2 Pin	87F6414	5.08	

(6866)

XTRA™ 3.6-VOLT CELLS



Suffix "BP" in mfg. part no. indicates blister pack.

Mfg. Part No.	Size	Capacity	D x H	Terminals	Stock No.	Price Each	
						1-24	25-49
TL-2150/S-BP	1/2AA	950mAh	0.58 x 1.00" (14.73 x 25.40)	Pressure Contact	87F6402	5.59	
TL-2150/T-BP	1/2AA	950mAh	0.58 x 1.00" (14.73 x 25.40)	Solder Tab	87F6403	5.90	
TL-2150/P-BP	1/2AA	950mAh	0.58 x 1.00" (14.73 x 25.40)	Axial Pin	87F6404	5.90	
TL-2155/S-BP	2/3AA	1450mAh	0.58 x 1.28" (14.73 x 32.51)	Pressure Contact	92F2488	6.42	
TL-2155/T-BP	2/3AA	1450mAh	0.58 x 1.28" (14.73 x 32.51)	Solder Tab	92F2489	6.73	
TL-2155/P-BP	2/3AA	1450mAh	0.58 x 1.28" (14.73 x 32.51)	Axial Pin	92F2490	6.73	
TL-2100/S-BP	AA	2100mAh	0.58 x 2.00" (14.73 x 50.80)	Pressure Contact	87F6405	6.73	
TL-2100/T-BP	AA	2100mAh	0.58 x 2.00" (14.73 x 50.80)	Solder Tab	87F6406	7.04	
TL-2100/P-BP	AA	2100mAh	0.58 x 2.00" (14.73 x 50.80)	Axial Pin	87F6407	7.04	
TL-2200/S-BP	C	7200mAh	1.02 x 1.98" (25.91 x 50.29)	Pressure Contact	00Z1076	16.76	
TL-2200/T-BP	C	7200mAh	1.02 x 1.98" (25.91 x 50.29)	Solder Tab	00Z1072	17.19	
TL-2200/P-BP	C	7200mAh	1.00 x 2.00" (25.40 x 50.80)	Axial Pin	00Z1073	17.04	
TL-2300/S-BP	D	16500mAh	1.30 x 2.43" (33.02 x 61.72)	Pressure Contact	00Z1074	22.44	
TL-2300/T-BP	D	16500mAh	1.30 x 2.43" (33.02 x 61.72)	Solder Tab	00Z1075	22.87	

➔ CONTINUED ➔

XTRA™ 3.6-VOLT CELLS (CONT.)

XTRA™ 3.6-VOLT HIGH-CAPACITY CELLS

Mfg. Part No.	Size	Capacity	D x H	Terminals	Stock No.	Price Each	
						1-24	25-49
TL-5902/S-BP	1/2AA	1200mAh	0.58 x 1.00" (14.73 x 25.40)	Pressure Contact	50F1555	6.01	
TL-5902/T-BP	1/2AA	1200mAh	0.58 x 1.00" (14.73 x 25.40)	Solder Tab	50F1556	6.73	
TL-5902/P-BP	1/2AA	1200mAh	0.58 x 1.00" (14.73 x 25.40)	Axial Pin	50F1557	6.73	
TL-5955/T-BP	2/3AA	1650mAh	0.58 x 1.28" (14.73 x 32.51)	Solder Tab	92F2492	7.46	
TL-5955/P-BP	2/3AA	1650mAh	0.58 x 1.28" (14.73 x 32.51)	Axial Pin	92F2493	7.46	
TL-5903/S-BP	AA	2400mAh	0.58 x 2.00" (14.73 x 50.80)	Pressure Contact	50F1558	8.18	
TL-5903/T-BP	AA	2400mAh	0.58 x 2.00" (14.73 x 50.80)	Solder Tab	50F1559	8.18	
TL-5903/P-BP	AA	2400mAh	0.58 x 2.00" (14.73 x 50.80)	Axial Pin	50F1613	8.18	

(6867)

COIN CELL LITHIUM BATTERIES



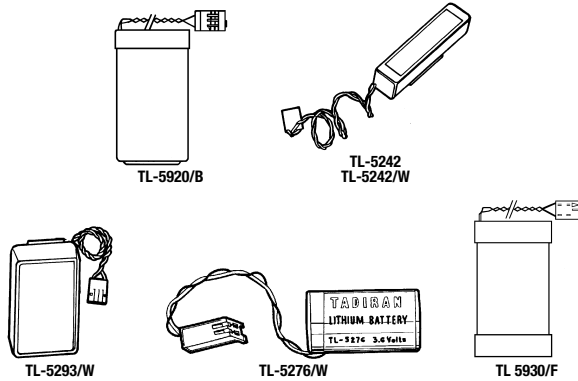
Coin cell lithium batteries are 3V high-energy, high-reliability batteries. Additional sizes and pin configurations are available; go online or call.

Mfg. Part No.	Dia. x H (mm)	Cap. (mAh)	Description	Stock No.	Price Each	
					1-24	25-99
BR1225	12.5 x 2.5	48	Pressure Contact	42M1340	1.55	1.47
BR1225-1VC	12.5 x 2.5	48	Pressure Contact	42M1341	2.28	2.17
BR1616	16.0 x 1.6	48	Pressure Contact	15C6481	1.55	1.47
BR2016	20.0 x 1.6	70	Pressure Contact	15C6482	1.65	1.57
BR2032	20.0 x 3.2	180	Pressure Contact	15C6483	1.61	1.53
BR2032-1HE	20.0 x 3.2	190	2 PC Pins Horizontal	42M1342	2.34	2.22
BR2032-1HF	20.0 x 3.2	190	2 PC Pins Horizontal	42M1343	2.34	2.22
BR2032-1HG	20.0 x 3.2	190	3 PC Pins Horizontal	42M1344	2.34	2.22
BR2325	23.0 x 2.5	165	Pressure Contact	15C6484	1.63	1.55
BR2325-1HB	23.0 x 2.5	165	2 PC Pins Horizontal	22C5028	2.18	2.07
BR2325-1HC	23.0 x 2.5	165	2 PC Pins Horizontal	15C6485	2.18	2.07
BR2325-1VG	23.0 x 2.5	165	2 PC Pins Vertical	15C6486	2.18	2.07
BR2330	23.0 x 3.0	255	Pressure Contact	15C6487	2.20	2.09
BR2330-1GU	23.0 x 3.0	255	3 PC Pins Horizontal	42M1345	2.83	2.69
BR2330-1GV	23.0 x 3.0	255	3 PC Pins Vertical	83H0625	2.54	2.42
BR2330-1HE	23.0 x 3.0	165	2 PC Pins Horizontal	27C7453	2.54	2.42
CR1025	10.0 x 2.5	30	Pressure Contact	15C6528	1.36	1.30
CR1216	12.5 x 1.6	25	Pressure Contact	15C6529	1.22	1.16
CR1220	12.5 x 2.0	35	Pressure Contact	15C6530	1.16	1.10
CR1616	16.0 x 1.6	55	Pressure Contact	15C6538	0.92	0.87
CR1620	20.0 x 2.0	75	Pressure Contact	15C6539	1.06	1.01
CR2016	20.0 x 1.6	90	Pressure Contact	15C6544	0.59	0.56
CR2016-1F2	20.0 x 1.6	90	2 PC Pins Horizontal	42M1350	2.22	2.11
CR2025	20.0 x 2.5	90	Pressure Contact	15C6545	0.73	0.70
CR2032	23.0 x 3.2	220	Pressure Contact	13C1019	1.05	0.91
CR2032-1F2	20.0 x 3.2	220	2 PC Pins Vertical	42M1351	2.01	1.91
CR2032-1HF	20.0 x 3.2	220	2 PC Pins Horizontal	42M1352	2.83	2.69
CR2330	23.0 x 2.0	265	Pressure Contact	15C6551	1.73	1.64
CR2330-1HF	23.0 x 3.0	265	2 PC Pins Horizontal	42M1353	2.42	2.30
CR2354	23.0 x 5.4	560	Pressure Contact	15C6553	2.20	2.09
CR2354-1GU	23.0 x 5.4	560	3 PC Pins Horizontal	42M1354	2.83	2.69
CR2354-1HE	23.0 x 5.4	560	2 PC Pins Horizontal	42M1355	2.83	2.69
CR2450	24.0 x 5.0	620	Pressure Contact	14C3962	2.65	2.27
CR2450-G1A	24.0 x 5.0	620	3 PC Pins Horizontal	42M1356	2.62	2.49
CR2450-H1A	24.0 x 5.0	620	2 PC Pins Horizontal	42M1357	2.62	2.49
CR2477	24.5 x 7.7	1000	Pressure Contact	15C6561	4.33	4.11
CR3032	30.0 x 3.2	500	Pressure Contact	15C6562	2.79	2.65
CR3032-1F2	30.0 x 3.2	500	2 PC Pins Horizontal	42M1358	3.43	3.27
CR3032-1VC	30.0 x 3.2	500	2 PC Pins Vertical	42M1359	3.43	3.27
LITH-2-2C	25.0 x 1.2	75	2 PC Pins Horizontal	31C2180	2.07	1.97
LITH-34	16 x 3.2	75	Pressure Contact	20C5701	1.22	1.16

CR = Manganese Dioxide Lithium BR = Carbon Monofluoride Lithium (6887)

LITHIUM BATTERIES

COMPUTER CLOCK & UTILITY METER BATTERIES



Designed to back-up Real Time Clocks (RTC) in personal computers. **Mfg. part no. TL-5276/W** utility meter battery for "Time-of-Day" meters.

3.6-VOLT SINGLE CELL BATTERY PACKS

Mfg. Part No.	Dimensions	Primary US Usage	Stock No.	Price Each
TL5242	0.7 x 0.6 x 2.4" (17.78 x 15.24 x 60.96)	AT&T 3B Series, 3 Pin Connector	87F6423	10.35
TL5242/W	0.7 x 0.6 x 2.4" (17.78 x 15.24 x 60.96)	Acer, Hyundai, Wise & Most Clones, 4 Pin Connector	87F6425	10.35
TL5276/W	0.7 x 1.0 x 1.13" (17.78 x 25.40 x 28.70)	Utility Meter, 2 Pin Method Connector	95F5073	8.18

2 CELL BATTERY PACKS

TL-5930/F	1.378 Dia. x 2.441 L" (35.0 x 62.5)	Utility Meter, 3.6 Volt	13C2730	24.43
TL-5920/B	1.102 Dia. x 2.008 L" (28.0 x 51.0)	Utility Meter, 3.6 Volt	13C2729	20.19

LITHIUM PLC BATTERIES



Mfg. Part No.	Volts	Capacity (mAh)	Used In	Stock No.	Price Each
COMP-14	6.0	1800	B9630T	42M1347	23.86
COMP-105	3.0	1400	GE1C600KD5100, 259A9532P1	15C6514	16.78
COMP-109	3.0	850	Allen Bradley 1747-BA	15C6516	16.14
COMP-110	3.0	1200	B9651T	15C6519	16.14
COMP113	3.0	1800	PLC-5/11, 5/20, 5/30, 5/40 and 5/60	24C6653	26.94
COMP-114	3.0	1200	B9781T	42M1346	16.14
COMP-164	6.0	5000	Various Printed Logic Controls	15C6521	60.80
COMP-172	3.0	1200	Various Printed Logic Controls	34C6127	15.90
COMP-177	3.0	5000	Various Printed Logic Controls	25C3008	31.86
COMP-192	3.0	1800	A98L-0031-0006	42M1348	20.20
COMP-203	3.6	1900	ER6-WK11	83H1619	30.45
COMP-208	6.0	1800	BR-AGCF2W	42M1349	60.80
LITH46	3.0	2200	Various Printed Logic Controls	25C3891	27.57
LITH-49	6.0	2200	Various Printed Logic Controls	25C5941	65.00

(68304)

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(94660)

CYLINDRICAL LITHIUM BATTERIES

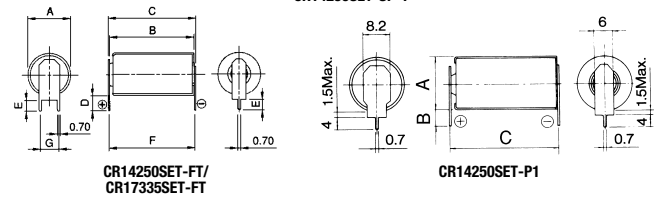
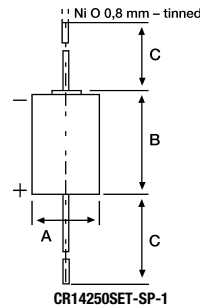


Leakproof 3V batteries offer high energy density, long shelf life, stable operation and wide operating temperatures.

Mfg. Part No.	Size	Capacity (mAh)	Terminals	Stock No.	Price Each	
					1-24	25-99
BR-CSSP	C	5000	Pressure Contacts	15C6475	16.14	15.35
BR-CT2SP	C	5000	Solder Tabs	15C6476	16.10	15.31
BR-2/3ASSP	2/3A	1200	Pressure Contacts	15C6480	5.06	4.81
BR-2/3AE5SP	2/3A	1200	2 PC Pins	15C6479	6.68	6.35
BR-2/3AE2SP	2/3A	1200	3 PC Pins	15C6478	5.69	5.41
BR-A	A	1800	Pressure Contacts	15C6474	10.15	9.65

BR = Carbon Monofluoride Lithium (6896)

3V LITHIUM CYLINDRICAL CELLS (LASER-SEALED)



Mfg. Part No.	Capacity (mAh)	Dimensions Dia. x H	Description	Stock No.	Price Each	
CR14250SET	850	0.57 x 0.98"	Pressure Contacts	15C6534	4.77	4.54
CR14250SET-FT	850	0.57 x 0.98"	3 Pin PC Mount	15C6535	5.26	5.00
CR14250SET-P1	850	0.57 x 0.98"	2 Pin PC Mount	15C6536	5.26	5.00
CR14250SET-SP-1	850	0.57 x 0.98"	Axial Leaded	15C6537	5.26	5.00
CR17335SET	1800	0.67 x 1.32"	Pressure Contacts	15C6540	5.14	4.89
CR17335SET-FT	1800	0.57 x 0.98"	3 Pin PC Mount	15C6541	5.69	5.41
CR12600SE	1500	0.47 x 2.36"	Pressure Contacts	15C6533	6.26	5.95
CR17450SET	2500	0.67 x 1.76"	Pressure Contacts	15C6542	9.28	8.82
CR23500SET*	5000	0.90 x 1.97"	Pressure Contacts	15C6552	22.35	21.25

\* Class nine hazardous shipping. (58975)

HIGH-POWER PHOTO LITHIUM BATTERIES



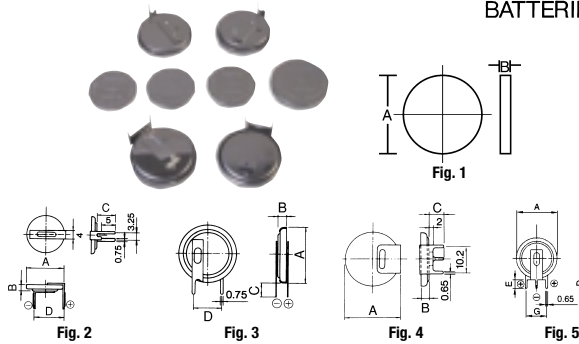
Mfg. part No.	Voltage	Capacity (mAh)	Dimensions Dia. x H	Stock No.	Price Each	
CR1/3N	3V	160	0.45 x 0.43"	15C6527	3.19	3.03
2CR1/3N	6V	160	0.51 x 0.98"	16C0932	9.32	8.86
CR123A	3V	1300	0.67 x 1.36"	15C6532	4.25	4.04
CR2	3V	750	0.61 x 1.06"	15C6543	5.12	4.87
CR-V3	3	3000	2.05L x 1.1W x 0.51"H	25C7398	18.17	17.28
CRP2	6V	1300	1.37L x 0.77W x 1.41"H	15C6526	8.29	7.88
2CR5	6V	1300	1.24L x 0.67W x 1.77"H	16C0933	8.29	7.88

(58976)

LITHIUM BATTERIES • NICKEL METAL HYDRIDE BATTERIES • BATTERY CHARGERS

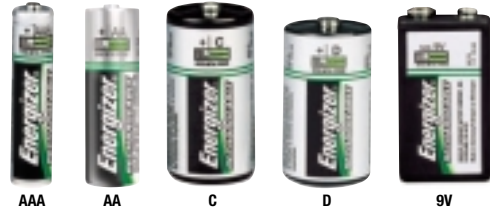
3V LITHIUM COIN CELLS WITH PC BOARD PINS

**Panasonic**  
BATTERIES



e<sup>2</sup> RECHARGEABLE NICKEL-METAL HYDRIDE BATTERIES

**Energizer**



High-energy e<sup>2</sup> rechargeable nickel-metal hydride batteries replace Nicads. Environmentally-safe, these NiMH batteries can be recharged up to 1000 times. Designed for high-drain, high-tech devices. Select from a wide assortment of Energizer<sup>®</sup> battery chargers; order separately on pages 1355-1356. Suffix BP in mfg. part no. indicates blister pack. Sold in package quantities listed.

Mfg. Part No.	Capacity (mAh)	Dimensions (mm)				Fig.	Stock No.	Price Each	
		A	B	C	D			1-24	25-99
CR1220	35	12.5	2.0	...	...	1	1506530	1.16	1.10
CR2016	80	20.0	1.6	...	...	1	1506544	0.59	0.56
CR2025	160	20.0	2.5	...	...	1	1506545	0.73	0.70
CR2032	220	20.0	3.2	...	...	1	13C1019	1.05	0.91
CR2430	560	24.0	3.0	...	...	1	12C8684	2.07	1.78
CR2450	550	24.0	5.0	...	...	1	14C3962	2.65	2.27
CR1220-P1	35	12.5	2.0	6.5	10.0	2	1506531	1.24	1.18
CR2032-P5-1	190	21.0	3.2	9.0	15.2	2	1506548	1.14	1.08
CR2032-T14-1	190	21.5	3.2	6.5	20.5	2	1506549	1.14	1.08
CR2430-P1-2	270	25.5	3.0	6.5	20.3	2	1506556	1.77	1.68
CR2450-P2	500	25.5	5.0	6.5	20.3	2	1506560	2.09	1.99
CR2032-T9-2	190	20.5	3.2	4.5	10.5	3	1506550	1.14	1.08
CR2430-P2-2	270	25.0	3.0	4.5	10.5	3	1506557	1.77	1.68
CR2032-FT1	190	21.0	3.2	6.0	15.2	4	1506546	1.14	1.08
CR2430-FT1	270	25.0	3.0	6.0	17.8	4	1506554	1.77	1.68
CR2450-FT1	500	25.5	5.0	5.0	17.8	4	1506558	2.09	1.99
CR2032-FT4-2	190	20.5	3.2	5.0	3.4	5	1506547	1.14	1.08
CR2430-FT4-2	270	25.0	3.0	5.0	3.2	5	1506555	1.77	1.68
CR2450-FT5-4	500	24.5	5.0	5.0	5.1	5	1506559	2.09	1.99

Mfg. Part No.	Size	Volts	Capacity (mAh)	Pkg. of	Stock No.	Price per Pkg.
						1-9
NH15BP-2	AA	1.2	2500	2	01C4688	10.49
NH15BP-4	AA	1.2	2500	4	03C7535	18.32
NH15BP-8	AA	1.2	2500	8	60K8572	34.94
NH12BP-2	AAA	1.2	900	2	03C7534	10.56
NH12BP-4	AAA	1.2	900	4	02H5305	18.48
NH12BP-8	AAA	1.2	900	8	34M4724	35.11
NH35BP-2	C	1.2	2500	2	03C7537	14.27
NH50BP-2	D	1.2	2500	2	95B1690	14.27
NH22NBP	9V	7.2	150	1	03C7536	14.27

VALUE CHARGER



**Energizer**

- Charges two or four AA or AAA NiMH batteries
- LED indicators for easy charging
- Cordless — has fold-out plug
- UL listed

Just Added

Economically-priced mfg. part no. CHVCWB2 Value Charger is safe and simple to use. Charges two or four AA or AAA NiMH batteries or two AA and two AAA NiMH batteries simultaneously. Plugs into a standard AC outlet. Compact, silver-color case — 132H x 70L x 57mm W. Comes complete with two AA NiMH batteries.

Mfg. Part No.	Description	Stock No.	Price Each
CHVCWB2	Value Charger AA/AAA NiMH Battery Charger	34M4715	14.15

RECHARGEABLE NICKEL-METAL HYDRIDE (NiMH) BATTERIES

**DURACELL**<sup>®</sup>



DC1500

- Ideal choice for portable power

Rechargeable Nickel-Metal Hydride (NiMH) batteries are suited for portable electronic devices requiring consistent, high-power output, such as digital cameras. They offer several advantages over ordinary nickel-cadmium batteries, including up to 40% longer service life.

Mfg. Part No.	Size	Pkg. Qty.	Stock No.	Price Each
				1-4
DC1500B2N	AA	2	39M4804	9.20
DC1500B4N	AA	4	39M4805	13.45
DC1500B8N	AA	8	39M4806	22.68
DC2400B2N	AAA	2	39M4807	9.20
DC2400B4N	AAA	4	39M4808	13.45

EASY CHARGER



UL US

**Energizer**

- Safety on/off switch
- Automatic shut-off
- Convenient displays indicate when charge is done
- Three interchangeable faceplates
- Charges AA and AAA NiMH batteries simultaneously
- Powerful — Up to 325 pics/charge
- UL listed

Just Added

Mfg. part no. CHFMBW-4 Easy Charger is safe and simple to use. Charges two or four AA or AAA NiMH batteries or two AA and two AAA NiMH batteries simultaneously. Sleek gun-metal gray case with three, removable faceplates: pearl, black and silver. Compact design — 133H x 89L x 32mm W. Comes complete with four AA NiMH batteries.

Mfg. Part No.	Description	Stock No.	Price Each
CHFMBW-4	Easy Charger AA/AAA NiMH Battery Charger	34M4713	31.47

USB DUO™ AA/AAA BATTERY CHARGER



**Energizer**

- Fast — charge through USB and wall outlet
- Charge two AAA in 1.6 hours or two AA in 4.5 hours
- Download charger software
- Charger interface indicates charging status

Just Added

Duo™ AA and AAA size NiMH battery charger is fast and easy-to-use. Computer interface can be customized to user's liking. Three fun colors per pack: red, blue and green. Sold in package of 3.

Mfg. Part No.	Description	Stock No.	Price Per Pkg.
CHUSBWB-2	USB DUO™ AA/AAA NiMH Battery Charger	34M4714	21.70

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BATTERY CHARGERS • NICKEL CADMIUM BATTERIES

SLIDING CHARGER

- Compact travel size
- Slide-out battery compartment
- Charges two or four NiMH AA or AAA batteries
- LED charge indicators
- Reverse polarity protection
- Automatic timer shut-off prevents overcharging
- Cordless — has flip-down plug
- UL listed



Mfg. part no. CHDC Sliding Charger charges two or four AA (2500mAh) or AAA (850mAh) NiMH batteries or two AA and two AAA NiMH batteries simultaneously in 8.5 hours. Charger automatically detects AA or AAA batteries. Easy-to-use, simply plug into a standard AC outlet. Sleek, gray case — 83L x 76W x 30mm D. Mfg. part no. CHDCWB-4 is charger with four AA NiMH batteries. Mfg. part no. CHDCWOB is charger without batteries; order NiMH batteries separately on page 1355.

Mfg. Part No.	Description	Stock No.	Price Each
CHDCWB-4	Sliding Charger with 4 AA NiMH Batteries	69K0780	9.05
CHDCWOB	Sliding Charger Only	34M4711	16.91

(90537)

FAMILY BATTERY CHARGER

- Versatile — charges a variety of NiMH batteries
- Load batteries, close lid, charging begins
- LCD charge status indicator
- Patented self-adjusting battery contact means less guesswork
- Safe, auto shut-off when batteries are charged



Mfg. part no. CHFC family battery charger is convenient, safe and easy-to-use — drop rechargeable NiMH batteries in charger, close lid, charging begins automatically. Charges up to eight AA or AAA, four C or D or two 9V size batteries at a time. Plug charger into proper AC outlet. LCD glows indicating charging and go off when charge is completed. Features automatic shut-off when batteries are done. Charging time varies from 3 hours for four AAA, AA, C or D size batteries up to 6 hours for eight AA and AAA batteries and 7 hours for one 9V.

Mfg. Part No.	Description	Stock No.	Price Each
CHFC	Family Battery Charger	34M4712	41.94

(90400)

ENERGI TO GO™ INSTANT CELL PHONE CHARGERS

- Patented intelligent control chip maximizes power transfer from charger to cell phone
- Power conversion technology optimizes battery performance
- Reusable — simply replace batteries as needed
- Battery leakage safeguards
- Lightweight and portable
- LED charge indicator



Energi To Go™ instant cell phone chargers are compatible with most major brands of cell phones produced after 2003: Motorola®, Nokia®, Samsung®, Sprint® and cell phones with Mini USB connectors. Each double cell charger comes complete with connector(s) for cell phone brand selected and two Energizer® e<sup>2</sup> Lithium® AA batteries. Easy-to-use — just insert Energizer® e<sup>2</sup> Lithium® AA batteries into charger, attach connector to charger and to cell phone. Within 10 seconds a blue light will begin flashing indicating charging.

Mfg. Part No.	Description	Stock No.	Price Each
CEL2MOT	Energi To Go Instant Cell Phone Charger for Motorola® Phones	31M8661	26.02
CEL2NOK	Energi To Go Instant Cell Phone Charger for Nokia® Phones	31M8663	26.02
CEL2SPR	Energi To Go Instant Cell Phone Charger for Samsung® and Sprint® Phones	31M8664	26.02
CEL2MSUB	Energi To Go Instant Cell Phone Charger for Phones with Mini USB Connector	31M8662	26.02

(90407)

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(94650)

Ni-Cd/Ni-MH CONSUMER CHARGERS



Mfg. Part No.	Description	Stock No.	Price Each
CHG-1P	Recharges 2 pcs or 4 pcs of AA at a Time	81C9734	8.58
CHG-1WBP	Recharges 2 pcs or 4 pcs of AA at a Time (Includes 4 Ultra High Capacity AA Batteries)	93C9876	17.84
CHG-2P	Recharges 1-4 pcs of AA or 1 pc of 9V	93C9877	9.68
CHG-3P	Recharges 1-4 pcs of AA or AAA	93C9878	12.94
CHG-4P	Recharges 2 or 4 pcs of AAA or AA (1 hr. Ultra Fast Charge)	25C4948	43.30
CHG-5P	Recharges 2, 4, 6 or 8 pcs of AA at a Time	93C9879	22.70
CHG-6P	Universal Fast Recharger of 1-4 pcs AAA, AA, C and D, or Standard Charge Time for 1 or 2 pcs 9V cells (Built in IC Timer Control and LED Lamp to Indicate Proper Charging)	93C9880	17.82

(72589)

CONSUMER-TYPE RECHARGEABLE BATTERIES



CONSUMER-TYPE NICAD/NIMH SINGLE CELLS

Mfg. Part No.	Size	Chem.	Capacity (mAh)	Stock No.	Price Each
					1-24
AA-600	AA	NiCd	600	93C9868	0.86
AA-800	AA	NiCd	800	93C9870	0.98
AA-1000	AA	NiCd	1000	93C9860	1.40
AA-2200NM	AA	NiMH	2200	93K6309	5.06
AA-2500NM	AA	NiMH	2500	46M4702	3.43
AAA-300	AAA	NiCd	300	46M4703	1.40
AAA-750NM	AAA	NiMH	750	54K3275	1.32
AAA-900NM	AAA	NiMH	900	93K6310	1.97
C-2000	C	NiCd	2000	83K3445	3.84
C2500	C	NiCd	2500	42H5271	6.07
C-4000NM	C	NiMH	4000	46M4705	8.02
D-5000	D	NiCd	5000	93C9885	5.99
D-9000NM	D	NiMH	9000	46M4706	16.14

FLAT TOP RECHARGEABLE NICAD/NIMH CELLS FOR ASSEMBLY

Mfg. Part No.	Size	Chem.	Capacity (mAh)	Stock No.	Price Each
AA-600FT	AA	NiCd	600	93C9869	0.86
AA-800FT	AA	NiCd	800	93C9871	0.98
AA-1000FT	AA	NiCd	1000	93C9861	1.40
AA-1800NMFT	AA	NiMH	1800	93C9867	2.42
2/3AF-1100GP	2/3A	NiMH	1100	93K6314	2.32
D-5000FT	D	NiCd	5000	93C9886	8.02
AA-1800NMFT	AA	NiMH	1800	93C9867	2.42
AF-1400	AF	NiCd	1400	46M4704	2.22
SC-1300	SC	NiCd	1300	93C9889	1.61
SC-1500	SC	NiCd	1500	93C9890	1.67
SC-1700	SC	NiCd	1700	93C9891	1.81
SC-1900	SC	NiCd	1900	93C9892	2.83
SC-2100	SC	NiCd	2100	98H4098	4.04
SCR-3300	SC	NiMH	3300	93K6313	7.09
1/2D-2400	1/2D	NiCd	2400	10C2971	7.09
4/5AF-1200	4/5AF	NiCd	1200	46M4709	2.22

➤ CONTINUED ➤



NICKEL CADMIUM BATTERIES

CONSUMER-TYPE RECHARGEABLE BATTERIES (CONT.)

FLAT TOP RECHARGEABLE NICAD/NIMH CELLS FOR ASSEMBLY

Mfg. Part No.	Size	Chem.	Capacity (mAh)	Stock No.	Price Each	
					1-24	25-99
F-7000	F	NiCd	7000	93C9887	10.05	
F-13000NM	F	NIMH	13000	46M4707	34.41	

(72588)

STANDARD/HIGH TEMP/ RAPID CHARGE NICADS



Panasonic BATTERIES

Nickel cadmium batteries may be used in cyclic, trickle or float charge use.

Mfg. Part No.	Size	Capacity (mAh)	Diameter x Height (In ± .02)	Stock No.	Price Each	
					1-24	25-99
P18N	N	150	0.45 x 1.16	16C0281	2.44	2.32
P25AAA	AAA	250	0.41 x 1.75	16C0286	2.68	2.55
P30AAR	2/3AA	300	0.57 x 1.11	16C0290	2.36	2.24
P70AAR/FT	AA	700	0.57 x 1.97	16C0298	2.03	1.93
P130SCR/FT	SC	1300	0.89 x 1.67	16C0279	2.54	2.42
P150SCS	SC	1500	0.89 x 1.67	93K6312	2.64	2.51
P170SCR	SC	1700	0.89 x 1.67	95F7754	6.03	5.74

H = High Temperature R = Rapid Charge FT = Flat Top (6885)

SOLDER TABBED NI-CADS

Panasonic BATTERIES

Solder tabs are ideal for soldering wire to batteries.

Mfg. Part No.	Size	Capacity (mAh)	Dia. x H (In ± .02)	Stock No.	Price Each	
					1-24	25-99
P18N-ST	N	180	0.45 x 1.16	16C0282	2.85	2.71
P25AAA-ST	AAA	250	0.41 x 1.75	16C0287	3.09	2.94
P60AAR-ST	AA	600	0.57 x 1.97	16C0295	2.30	2.18
P80AAR-ST	AA	800	0.57 x 1.97	16C0299	2.76	2.63
P100AAS-ST	AA	1000	0.57 x 1.97	16C0275	3.80	3.61
P130SCR-ST	SC	1300	0.89 x 1.67	16C0278	3.11	2.96
P280CR-ST	C	2800	1.02 x 1.97	16C0288	8.79	8.36

(59572)

STANDARD/GENERAL USE NI-CAD BATTERIES

SANYO



Nickel-cadmium batteries may be used in cyclic, trickle or float charge.

Mfg. Part No.	Size	Capacity (mAh)	Dimensions Dia. x H(±.02)	Stock No.	Price Each	
					1-24	25-99
N-50AAA	1/3AAA	50	0.41" x 0.61"	89H3623	2.76	2.63
N-110AA	1/3AA	110	0.57" x 0.67"	16C0036	2.16	2.05
N-150N	N	150	0.47" x 0.67"	16C0037	2.58	2.46
N-250AAA	AAA	250	0.41" x 1.75"	16C0038	2.36	2.24
N-270AA	2/3AA	270	0.57" x 1.18"	16C0040	1.97	1.88
N-700AAC	AA	700	0.56" x 1.99"	16C0042	1.63	1.55
N-650SC	1/2SC	650	0.91" x 1.02"	46M4582	5.67	5.39
4/5SCR-1250 SANYO	4/5SC	1250	0.91" x 1.34"	14C7437	8.44	7.23
KR-1300SC	SC	1300	0.91" x 1.69"	15C7082	5.76	5.17
KR-1500SC	SC	1500	0.91" x 1.69"	15C7085	3.35	3.01
C-2000SANYO	C	2000	1.02" x 1.97"	20C3547	13.12	10.96
KR-4400D	D	4400	1.34" x 2.42"	15C7089	11.26	10.09
KR-7000F	F	7000	1.69" x 3.58"	15C7093	33.62	30.14

Operating Temperature Range: Charge; 0 to +45° C (Standard) 10 to +45° C (Quick), Discharge; -20 to +60° C, Storage -30 to +50° C (58971)

SOLDER TABBED NI-CADS/NICKEL METALS

SANYO



Solder tabs are ideal for soldering wire to batteries.

Mfg. Part No.	Size	Capacity (mAh)	Dimensions Dia. x H(±.02)	Stock No.	Price Each	
					1-24	25-99
N-250AAA-ST	AAA	250	0.41" x 1.75"	16C0039	2.76	2.63
KR-350AAC-ST	AAA	350	0.41" x 1.75"	46M4603	4.04	3.84
N-270AA-ST	2/3AA	270	0.57" x 1.18"	16C0041	2.72	2.59
N-700AAC-ST	AA	700	0.56" x 1.99"	16C0043	1.63	1.55
HR-AAAUT-ST	AAA	720	0.41" x 1.75"	15C7031	4.04	3.84
HR-AAC-ST	AA	1100	0.56" x 1.99"	15C7033	3.64	3.46
HR-AAU-ST	AA	1650	0.56" x 1.99"	46M4595	3.74	3.56
N-1250SCRL-ST	4/5SC	1250	0.91" x 1.34"	46M4604	5.24	4.98
HR-4/5SCU-ST	4/5SC	2100	0.91" x 1.34"	46M4602	10.56	10.04
KR-1300SC-ST	SC	1300	0.91" x 1.69"	15C7083	3.96	3.55
KR-1500SC-ST	SC	1500	0.91" x 1.69"	15C7086	4.44	3.98
HR-SCU-ST	Sub C	3000	0.91" x 1.69"	46M4598	7.62	7.24
HR-4/5AU-ST	4/5A	2150	0.91" x 1.69"	46M4601	5.87	5.58
HR-4/3AU3800-ST	4/3A	3800	0.67" x 2.64"	46M4599	8.10	7.70
HR-4/3AU4500-ST	4/3A	4500	0.71" x 2.64"	46M4600	10.74	10.21
KR2000C	C	2000	1.02" x 1.97"	93K6311	8.53	8.11
KR-4400D-ST	D	4400	1.34" x 2.42"	15C7090	11.74	10.52
HR-D-ST	D	7500	1.34" x 2.42"	46M4596	25.36	24.11
HR-DU-ST	D	10000	1.34" x 2.42"	46M4597	32.38	30.79

\*HR in. mfg. part no. denotes NIMH (58973)

HIGH-CAPACITY/EXTRA SERIES NICAD BATTERIES

SANYO



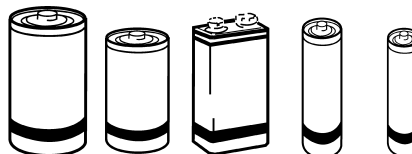
Operating temperature range: Charge: 0 to +45° C (standard) 10 to +45° C; Discharge: -20 to +60° C; Storage -30 to +50° C

Mfg. Part No.	Size	Capacity (mAh)	Dimensions Dia. x H(±.02)	Stock No.	Price Each	
					1-9	10-24
KR-350AAC	AAA	350	0.41" x 1.75"	46M4591	4.08	3.65
KR-800AAE	AA	800	0.56" x 1.99"	15C7094	2.51	2.25
KR-1100AAU	AA	1000	0.56" x 1.99"	15C7080	3.69	3.31
KR-1200AAE	5/4AA	1200	0.56" x 2.56"	97C8160	4.80	4.30
KR-600AE	2/3A	600	0.67" x 1.10"	15C7092	2.78	2.49
KR-1100AEL	4/5A	1100	0.67" x 1.69"	15C7081	3.19	2.86
KR-1400AE	A	1400	0.67" x 1.97"	15C7084	4.56	4.09
KR-1800SCE	SC	1800	0.91" x 1.97"	15C7087	4.46	4.00
KR-5000DEL	D	5000	1.34" x 2.36"	15C7091	13.02	11.67

(58971)

LONG-LIFE/HEAVY-DUTY BATTERIES

DANTONA INDUSTRIES, INC.



LONG-LIFE

Mfg. Part No.	Volts	Cross Reference	Stock No.	Price Each		
				1-12	13-24	25-120
LLG-AA	1.5	UM3, 7AA, 1-15, 15F	15C9911	0.10	0.10	0.09
LLG-AAA	1.5	UM4	15C9912	0.18	0.17	0.16
LLG-C	1.5	UM2, 1C, 935, 14F, R14	15C9913	0.23	0.21	0.20
LLG-D	1.5	UM1, 2D, 950, 13F, R20	15C9914	0.35	0.32	0.30
LLG-9V	9	006P, 1604, 216	15C9915	0.53	0.48	0.46

➔ CONTINUED ➔

6

NICKEL CADMIUM BATTERIES • SPECIAL APPLICATION BATTERIES

LONG-LIFE/HEAVY-DUTY BATTERIES (CONT.)

HEAVY-DUTY

Mfg. Part No.	Volts	Cross Reference	Stock No.	Price Each		
				1-12	13-24	25-120
HDG-AA	1.5	UM3D, HDAA, EV115, 15CD, 1215	15C7012	0.17	0.16	0.15
HDG-AAA	1.5	UM4D, HD-AAA, 1212	15C7013	0.23	0.22	0.21
HDG-C	1.5	UM2D, HD-C, EV135, 14CD, 1235	15C7014	0.37	0.35	0.33
HDG-D	1.5	UM1D, HD-D, EV150, 13CD, 1250	15C7015	0.53	0.51	0.48
HDG-9V	9	006PD, HD-9V, EV122, 1604CD, 6F22, 1222	15C7016	0.71	0.68	0.65

(59079)

LITHIUM PHOTO/ELECTRONIC BATTERIES



L91BP-2

L91BP-4

Ideal for all photo and electronic applications. Operating range: -40°C to +60°C.

Mfg. Part No.	Size	Volts	Capacity (mAh)	Pkg. Qty.	Stock No.	Price per Pkg.
						1-24
L91BP-2	AA	1.5	2900	2	02C7152	7.10
L91BP-4	AA	1.5	2900	4	02C7153	13.85
L92BP-2	AAA	1.5	1250	2	83K9247	7.14
L92BP-4	AAA	1.5	1250	4	83K9248	13.91
EL1CR2BP	15.5mm dia.	3	750	1	01C8673	8.30
EL123APBP	17mm dia.	3	1300	1	95F7740	8.30
EL223APBP	35 x 19.5 x 36mm	6	1300	1	01C8676	15.25
EL2CR5BP	34 x 17 x 45mm	6	1300	1	01C8675	15.25

(62074)

**DURACELL® PHOTO/ELECTRONIC BATTERIES** **MORE POWER. MORE LIFE.** TRUS<sup>ED</sup> EVERYWHERE™

- Applications:
- Keyless Entry Systems
  - Calculators, Organizers, Computer Memory
  - Photographic Memory, Vehicle Alarms
  - Medical Equipment, Glucometers



DL123ABU

DL2032B

DL2450B

LITHIUM BATTERIES

Mfg. Part No.	Volts	Dimensions	Stock No.	Price Each
				1-24
DL1/3NBPK	3.0	0.457 x 0.425"	81F139	4.35
DL123ABPK	3.0	0.665 x 1.358"	94B2872	12.03
PX28LB	6.0	0.512 x .992"	81F4410	7.66
DL-223ABPK	6.0	0.768 x 1.417"	90F1385	14.46
DL-245BPK	6.0	0.669 x 1.772"	90F1386	14.46
DL1616BPK	3.0	0.630 x 0.063"	50F2664	1.93
DL2016BPK	3.0	0.787 x 0.063"	81F140	1.51
DL2025B	3.0	0.787 x 0.098"	81F143	1.51
DL203BPK	3.0	0.787 x 0.126"	81F141	1.51
DL2430BPK	3.0	0.965 x 0.118"	81F142	1.55
DL2450B	3.0	0.965 x 0.197"	50F2665	2.91

ALKALINE BATTERIES

MX2500B2PK*	1.5	0.327 x 1.673" (AAAA)	89C0726	3.25
MN21B	12.0	1.122 x 0.406"	50F2659	1.31
PX28ABPK	6.0	0.510 x 0.990"	87F4254	3.94
PX76A675PK	1.5	0.455 x 0.210"	95F4765	1.08
PX625ABPK	1.5	0.612 x 0.233"	95F4766	3.37

SILVER OXIDE BATTERIES

MS76BPK	1.5	0.455 x 0.210"	49F413	3.43
7K67B	6.0	1.90 x 1.40 x 0.360"	49F416	3.94

\*Sold in blister pack of two (6892)

DURACELL® 1.5V BATTERIES



**DURACELL®**  
**MORE POWER.**  
**MORE LIFE.**

- Applications:
- Watches
  - Thermometers
  - Calculators

1.5-VOLT SILVER OXIDE BATTERIES

Mfg. Part No.	NEDA	Diameter x Height	Stock No.	Price Each
				1-24
DL303/357BPK	1131SO	0.455 x 0.210"	46F7156	1.30
D301/386B	1133SO	0.455 x 0.165"	46F5908	1.10
D389/390PK	1138SO	0.455 x 0.110"	46F5909	0.78
D381/391PK	1160SO	0.455 x 0.081"	46F5910	0.86
D384/392PK	1135SO	0.305 x 0.143"	46F5902	0.67

(6891)

PROCELL® MEDICAL/ELECTRONIC BATTERIES



- Applications:
- Glucose Meters
  - Pagers
  - Pen Lights
  - Remote Controls

Prefix "PC" denotes alkaline; prefix "PL" denotes lithium.



PC9100

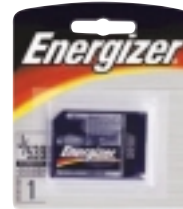
PC7K67

PL123A

Mfg. Part No.	Volts	Cap. (mAh)	Dimensions/System	Stock No.	Price Each
					1-24
PC7K67DB	6.0	550	0.362L x 1.909H x 1.402"W/J	95F4746	3.54
PC9100DB	1.5	800	0.472D x 1.189"H/N	95F4747	1.20
PL123AM	3.0	1400	0.669D x 1.358"H/123A	50B4955	5.71

(6890)

MISCELLANEOUS BATTERIES



539BP

EPX76BP

All types feature flat terminals except mfg. part no. AC146X which has miniature snap terminals.

Mfg. Part No.	Volts	Chem. Syst.	NEDA	Dimensions L x W x H	Stock No.	Price Each
						1-24
539BP	6	Alk.	1412AP	35.6 x 9.0 x 48.3mm	49F1214	0.09
A544BP	6	Sil. Ox.	1406SOP	13Dia. x 25.2mm	81F172	4.35
AC146X	8.4	Zn-Air	7004Z	26.5 x 16.6 x 44.5mm	50F7542	6.82
E90BP-2	1.5	Alk.	910A	12Dia. x 30.2mm	50F115	3.38
2L76BP	3	Li.	5008LC	11.6Dia. x 10.8mm	90F3354	4.69
EPX76BP	1.5	Li.	1107SOP	11.6Dia x 5.3mm	49F1163	3.36

(62079)

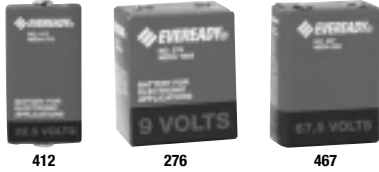
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(94635)

SPECIAL APPLICATION BATTERIES • LEAD ACID BATTERIES

ELECTRONIC AND SPECIAL APPLICATION BATTERIES



Mfg. Part No.	NEDA	Volts	Dimensions (mm)	Stock No.	Price Each	
					1-24	
497	741	510	76.2 x 40.5 x 143.0	49F1139		110.77
246	1602	9	35.7 x 37.3 x 69.9	03F7061		12.88
276	1603	9	65.1 x 51.6 x 80.2	03F7062		19.14
411	208	15	26.2 x 15.9 x 36.9	03F7084		11.33
412	215	22½	26.2 x 15.9 x 50.8	03F7086		9.06
413	210	30	26.2 x 15.9 x 65.1	03F7089		13.01
415	213	45	26.2 x 15.9 x 93.6	03F7048		19.61
416	217	67½	33.7 x 25 x 88.9	03F7054		25.35
455	201	45	67.5 x 25.4 x 93.6	03F7095		27.78
467	200	67½	71.4 x 34.9 x 94.1	03F7049		35.29
489	728	225	110.3 x 68.2 x 106.3	03F7104		109.22
493	722	300	68.3 x 56.4 x 96.8	03F7093		104.82
504	220	15	15.9 x 15.1 x 34.9	03F7085		7.31
505	221	22½	15.9 x 15.1 x 50.2	03F7087		9.10
711	700	1½	66.7 x 33.3 x 102.4	03F7080		19.12
763	710	22½	92.1 x 51.6 x 77.8	03F7088		34.23

(6883)

ENERGIZER® WATCH/CALCULATOR BATTERIES



ECR2032BP 392BP

Additional specialty batteries are available; go online or call

Mfg. Part No.	NEDA	Volts	Dimensions (mm)	Stock No.	Price Each	
					1-24	
A76BP	1166A	1.5	11.6 Dia. x 5.40	81F171		1.27
357BP	1131SO	1.5	11.6 Dia. x 5.35	49F1207		1.51
377BP	1176SO	1.5	6.80 Dia. x 2.60	89F5062		1.01
386BP	1133SO	1.5	11.6 Dia. x 4.20	49F1067		1.19
389BP	1138SO	1.5	11.6 Dia. x 3.00	49F1254		0.89
392BP	1135SO	1.5	7.90 Dia. x 3.60	49F1208		1.19
ECR2016BP	5000L	3.0	20.0 Dia. x 1.60	44F969		1.55
ECR2025BP	5003L	3.0	20.0 Dia. x 2.50	44F970		1.55
ECR2032BP	...	3.0	20.0 Dia. x 3.20	44F971		1.55
A23BP-2*	1811A	12.0	10.3 Dia. x 28.5	95F7739		3.19
A544BP	1414A	6.0	12.95 Dia. x 25.15	81F172		4.35
395BP	116250	1.55	9.5 Dia. x 2.70	46F4494		1.18
379BP	119150	1.55	5.8 Dia. x 2.15	90F3352		1.19
371BP	117150	1.55	9.5 Dia. x 2.10	90F3351		0.89
391BP	116050	1.55	11.6 Dia. x 2.10	44F922		0.95
364BP	117550	1.55	6.8 Dia. x 2.15	81F165		0.78

\*Sold in packages of two (6944)

Online today.  
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(94640)

HEARING AID BATTERIES



AC13E-4 AC675E-4

Energizer® hearing aid batteries feature zinc-air technology. Sold in packages of four.

Mfg. Part No.	Volts	Stock No.	Price per Pkg.	
			1-24	
AC10E-4	1.4	17C2118		5.79
AC13E-4	1.4	94F7580		5.79
AC312E-4	1.4	94F7581		5.79
AC675E-4	1.4	50F2608		5.79

(62172)

GENESIS® NP SERIES GENERAL-PURPOSE FLOAT AND CYCLIC LEAD ACID BATTERIES



- Suffix -6 in mfg. part no. denotes 6V
- Suffix -12 in mfg. part no. denotes 12V

Terminal layout styles, indicated in table below, are depicted on page 1361.

Mfg. Part No.	Nom. Cap. @ 20 hr. Rate (Ah)	H x L x W	Wt. (lbs.)	Terminals	Layout Style	Stock No.	Price Each	
							1-9	
NP1.2-6	1.2	2.15 x 3.82 x 0.98"	0.66	Faston Tab 0.187"	1	44F7560		13.70
NP3-6	3.0	2.52 x 5.28 x 1.33"	1.43	Faston Tab 0.187"	1	87F634		26.59
NP4-6	4.0	4.15 x 2.76 x 1.85"	1.87	Faston Tab 0.187"	5	44F7562		12.27
NP4.5-6	4.5	4.17 x 2.76 x 1.85"	1.87	Faston Tab 0.187"	5	10J0795		13.70
NP5-6	5	4.17 x 2.76 x 1.85"	2.05	Faston Tab 0.187", 0.250" opt.	5	17M9094		18.13
NP7-6	7.0	3.84 x 5.95 x 1.33"	2.98	Faston Tab 0.187"	1	44F7564		21.42
NP8.5-6	8.5	4.65 x 3.86 x 2.2"	3.53	Faston Tab 0.187", 0.250" opt.	11	10J0796		25.79
NP10-6	10.0	3.84 x 5.95 x 1.97"	4.41	Faston Tab 0.187", 0.250" opt.	1	44F7566		21.28
NP12-6	12	3.98 x 5.94 x 1.97"	4.74	Faston Tab 0.187", 0.250" opt.	5	45M5977		24.60
NP0.8-12	0.8	2.42 x 3.78 x 0.98"	0.77	JST VHR-2N	7	87F636		35.47
NP1.2-12	1.2	2.15 x 3.82 x 1.89"	1.25	Faston Tab 0.187"	3	44F7567		26.76
NP2-12	2.0	3.50 x 5.91 x 0.79"	1.54	Faston Tab 0.187"	8	84F1012		41.11
NP2.3-12FR	2.3	2.52 x 7.01 x 1.34"	2.05	Faston Tab 0.187"	1	30C5418		39.98
NP2.6-12FR	2.6	2.52 x 5.28 x 2.64"	2.47	Faston Tab 0.187"	3	15B5751		47.56
NP4-12	4.0	4.17 x 3.54 x 2.76"	3.74	Faston Tab 0.187", 0.250" opt.	1	44F7570		26.59
NP4.5-12	4.5	4.21 x 3.54 x 2.76"	3.75	Faston Tab 0.187", 0.250" opt.	5	45M5978		23.70
NP5-12	5.0	4.17 x 3.54 x 2.76"	4.41	Faston Tab 0.187", 0.250" opt.	1	29C7223		30.63
NP7-12	7.0	3.84 x 5.94 x 2.56"	5.84	Faston Tab 0.187", 0.250" opt.	4	87F637		32.04
NP12-12	12.0	3.86 x 5.94 x 3.86"	8.82	Faston Tab 0.250"	4	87F638		51.58
NP18-12B	17.2	6.57 x 7.13 x 2.99"	13.67	0.216" Bolt	2	91B9919		62.10

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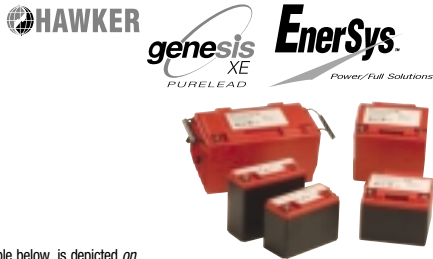
LEAD ACID BATTERIES

GENESIS® NP SERIES GENERAL-PURPOSE FLOAT AND CYCLIC LEAD ACID BATTERIES (CONT.)

Mfg. Part No.	Nom. Cap. @ 20 hr. Rate (Ah)	H x L x W	Wt. (lbs.)	Terminals	Layout Style	Stock No.	Price Each 1-9
NP24-12BFR	24.0	4.92 x 6.89 x 6.54"	19.10	0.216" Bolt, 0.250" Faston Tab opt.	2	91B7339	92.52
NP24-12T	24.0	4.92 x 6.89 x 6.54"	19.10	0.216" Bolt, 0.250" Faston Tab opt.	2	44F7552	91.25
NP33-12	33.0	6.85 x 7.70 x 5.19"	26.50	Bolt Fastened	2	89C2845	94.47
NP38-12	38.0	6.89 x 7.74 x 6.50"	30.40	Bolt Fastened	2	44F7554	137.21
NP55-12	56.3	8.98 x 9.04 x 5.48"	41.10	Bolt Fastened	2	89C2846	209.56
NP65-12	65.0	6.85 x 13.78 x 6.53"	50.20	0.270" Bolt	2	44F7555	319.19
NP75-12	77.5	8.98 x 10.67 x 6.66"	54.70	Bolt Fastened	2	89C2847	274.05
NP100-12	91.6	8.98 x 12.53 x 6.66"	65.70	Bolt Fastened	2	89C2844	338.52

(72404)

GENESIS® PURE LEAD XE SERIES LEAD ACID BATTERIES



- For extreme temperature applications
- All batteries are 12V

Terminal layout style, indicated in table below, is depicted on page 1367.

Mfg. Part No.	Nom. Cap. @ 10 Hr. Rate (Ah)	H x L x W	Wt. (lbs.)	Brass Terminal (metric)	Layout Style	Stock No.	Price Each 1-9
XE13	13.0	5.113 x 6.910 x 3.282"	11.4	Metric M6 w/ss Hardware	2	89C2920	136.35
XE13X	13.0	5.163 x 7.010 x 3.382"	12.6	Metric M6 w/ss Hardware	2	89C2921	171.81
XE16	16.0	6.605 x 7.145 x 3.005"	14.2	Metric M6 w/ss Hardware	2	89C2922	142.60
XE16X	16.0	6.668 x 7.270 x 3.130"	15.4	Metric M6 w/ss Hardware	2	89C2923	178.07
XE30	27.0	4.957 x 6.563 x 6.920"	23.4	Metric M6 w/ss Hardware	2	89C2924	211.83
XE30X	27.0	5.022 x 6.693 x 7.050"	24.9	Metric M6 w/ss Hardware	2	89C2925	256.95
XE40	40.0	6.715 x 7.765 x 6.525"	29.5	Metric M6 w/ss Hardware	2	89C2928	280.22
XE40X	40.0	6.782 x 7.899 x 6.659"	31.3	Metric M6 w/ss Hardware	2	89C2929	330.20
XE60	62.0	7.173 x 10.85 x 6.579"	49.4	Metric M6 w/ss Hardware	2	45M5963	328.56
XE70	64.0	6.93 x 13.020 x 6.620"	56.6	Metric M6 w/ss Hardware	2	89C2930	396.02
XE70X	64.0	6.930 x 13.020 x 6.620"	59.1	Metric M6 w/ss Hardware	2	89C2931	455.12
XE95	95.0	8.62 x 12.99 x 6.79"	77.4	Metric M6 w/ss Hardware	2	45M5964	520.38

(72409)

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(94645)

GENESIS® PURE LEAD ACID BATTERIES FOR HIGH PERFORMANCE AND HIGH RELIABILITY — ALL APPLICATIONS



- Non-Spillable-Use in Any Position
- Use in Float or Cyclic Applications
- Float Applications, 10-15 Year Float Design
- 400 Cycles at 100% DOD
- 2 Year Shelf Life at 20C
- Capable of High Rate Discharges and Recharge
- All 12V



Layout styles are depicted on page 1367.

Mfg. Part No.	Nom. Cap. @ 10 Hr. Rate (Ah)	H x L x W	Wt. (lbs.)	Terminals	Layout	Stock No.	Price Each 1-9
G12V13EP	13.0	5.113 x 6.910 x 3.282"	10.8	Brass Terminal Metric M6 w/ss Hardware	2	89C2821	105.10
G12V13EPX	13.0	5.165 x 6.998 x 3.368"	12.0	Brass Terminal Metric M6 w/ss Hardware	2	89C2822	131.76
G12V16EP	16.0	6.605 x 7.150 x 3.005"	13.5	Brass Terminal Metric M6 w/ss Hardware	2	89C2823	95.92
G12V16EPX	16.0	6.666 x 7.267 x 3.107"	14.7	Brass Terminal Metric M6 w/ss Hardware	2	89C2824	124.13
G12V26EP	26.0	4.957 x 6.565 x 6.920"	22.3	Brass Terminal Metric M6 w/ss Hardware	2	89C2825	161.36
G12V26EPX	26.0	5.040 x 6.636 x 7.049"	23.8	Brass Terminal Metric M6 w/ss Hardware	2	89C2826	189.57
G12V42EP	42.0	6.715 x 7.775 x 6.525"	32.9	Brass Terminal Metric M6 w/ss Hardware	2	89C2827	223.43
G12V42EPX	42.0	6.803 x 7.866 x 6.659"	35.1	Brass Terminal Metric M6 w/ss Hardware	2	89C2828	257.28
G12V70EP	70.0	6.93 x 13.020 x 6.620"	53.5	Brass Terminal Metric M6 w/ss Hardware	2	89C2829	304.68
G12V70EPX	70.0	7.03 x 13.120 x 6.720"	56.0	Brass Terminal Metric M6 w/ss Hardware	2	89C2830	338.52

(72408)

DATASAFE NPX AND HX SERIES LEAD ACID BATTERIES



- Designed for UPS applications

Terminal layout styles, indicated in table below, are depicted on page 1367.

Mfg. Part No.	Vol-tage	W/Cell-1.67 End Volt. (15 Min. Rate)	H x L x W	Wt. (lbs.)	Terminals	Layout Style	Stock No.	Price Each 1-9
NPX25	12V	23.0	4.17 x 3.54 x 2.75"	4.41	Faston Tab 0.250"	1	98B9807	34.67
NPX-35	12V	35.0	3.84 x 5.94 x 2.56"	6.01	Faston Tab 0.250"	1	16C1856	40.31
NPX-35-6	6V	35.0	3.84 x 5.95 x 1.33"	3.09	Faston Tab 0.250"	1	89C2843	35.47
NPX-50	6V	50.0	3.84 x 5.95 x 1.97"	4.41	Faston Tab 0.250"	1	52F9150	38.07
NPX-80B	12V	80.0	6.57 x 7.13 x 2.99"	14.25	0.216" Bolt	2	01C4781	74.17
NPX-80R	12V	80.0	6.57 x 7.13 x 2.99"	14.0	Receptacle	2	45M5974	108.00
NPX100B	12V	95.0	6.89 x 6.54 x 4.92"	20.80	Bolt Fastened	2	15B5744	104.35
NPX100R	12V	95.0	6.89 x 6.54 x 4.92"	20.80	Receptacle	2	15B5745	92.25
NPX-150BFR	12V	150.0	6.89 x 7.76 x 6.50"	34.10	Bolt Fastened	2	88F5900	183.32
NPX150R	12V	150.0	6.89 x 7.76 x 6.50"	34.10	Receptacle	2	15B5746	146.62

➔ CONTINUED ➔

LEAD ACID BATTERIES

DATASAFE NPX AND HX SERIES LEAD ACID BATTERIES (CONT.)

HX SERIES

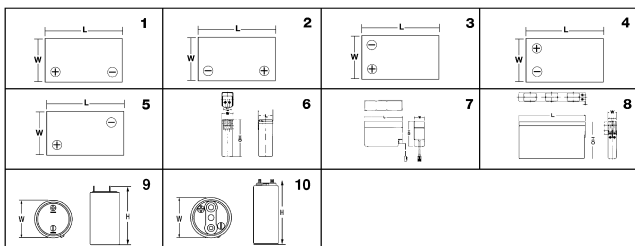
Mfg. Part No.	Vol-tage	W/Cell-1.67 End Volt. (15 Min. Rate)	H x L x W	Wt. (lbs.)	Terminals	Layout Style	Stock No.	Price Each	
								1-9	10-24
HX25	12V	25.0	4.2 x 3.5 x 2.8"	4.30	Faston Tab 0.250"	1	45M5970	32.91	
HX35	12V	35.0	3.9 x 6 x 2.6"	6.30	Faston Tab 0.250"	3	45M5971	36.76	
HX50-6	6V	50.0	3.9 x 6 x 2"	4.70	Faston Tab 0.250"	2	45M5972	30.96	
HX80	12V	80.0	6.6 x 7.1 x 3"	13.40	Receptacle	2	45M5973	87.07	
HX100	12V	100.0	6.9 x 6.5 x 4.9"	21.90	Receptacle	2	45M5967	143.18	
HX135	12V	135.0	7.1 x 7.7 x 5.1"	27.10	Receptacle	1	45M5968	160.60	
HX150	12V	150.0	6.7 x 7.8 x 6.5"	33.70	Receptacle	2	45M5969	199.28	
HX205-12	12V	204.1	8.20 x 9.00 x 5.50"	43.00	Receptacle	2	89C2831	153.55	
HX300-12	12V	284.3	8.20 x 10.30 x 6.90"	60.00	Receptacle	2	89C2832	180.67	
HX330-12	12V	330.2	8.40 x 12.04 x 6.80"	71.00	Receptacle	2	89C2833	240.35	
HX400-12	12V	381.5	8.50 x 13.40 x 6.80"	80.00	Receptacle	2	89C2834	237.13	
HX500-12	12V	506.0	10.9 x 13.40 x 6.80"	110.00	Receptacle	2	89C2835	282.29	
HR800-6	6V	780.0	8.50 x 13.40 x 6.80"	80.00	Receptacle	2	26H3221	219.56	

(72405)

SEALED RECHARGEABLE LEAD-ACID BATTERIES



Power/Full Solutions™



Features:

- Non-Spillable, Use in any Position
- Use in Float or Cyclic Applications
- Long Life, 5-Year Float Design Life
- UL94-V0 Flame-Retardant Case Available on Most Models
- All 12V, Terminals- Faston Tab 0.187"

Applications:

- UPS
- Security
- Electric Mobility
- Telecommunications
- Panels
- Emergency Lights
- Computers
- Medical
- Back-up Power Applications

Choose from a complete line of rechargeable batteries for a wide variety of applications. **B** in mfg. part no. indicates bolt; **R** indicates receptacle; **FR** indicates flame-retardant. Use as a supply of backup energy, or as a portable power source. **NP series** can be stored, charged, or operated in any position without leakage. Qualified to non-spillable UN2800 standards. Standard housing is ABS resin. Other flame-retardant versions, rated UL94-V0 are also available; go online or call Newark.

HIGH-RATE DISCHARGE BATTERIES

Mfg. Part No.	Nom. Cap. @10 Hr. Rate (Ah)	H x W x D (in.)	Weight (lbs.)	Layout	Stock No.	Price Each	
						1-9	10-24
NPH2-12FR	2	3.46 x 2.68 x 2.01	1.85	2	17C6598	53.88	49.67
NPH3.2-12FR	12	2.52 x 5.28 x 2.64	3.09	3	15B5742	60.29	55.59

(7049)

Talk to our team of engineers.

Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

(94668)

CYCLON PURE LEAD ACID BATTERIES FOR HIGH PERFORMANCE AND HIGH RELIABILITY — ALL APPLICATIONS



Layout styles are depicted on this page. Have faston tab terminals except mfg. part no. GREEN LABEL D, 2.5AH which has threaded M8(+) M6(-) terminals.

2-VOLT

Mfg. Part No.	Nom. Cap. @10Hr. Rate (Ah)	Ht. x Dia. (in.)	Terminal Size (in.)	Wt. (lbs.)	Layout	Stock No.	1-9
D CELL, 2.5AH	2	2.41 x 1.35	0.187	0.39	9	42H5695	6.48
GREEN LABEL D, 2.5AH	2	2.68 x 1.35	0.187	0.39	9	42H5698	8.61
DT CELL, 4.5AH	4	3.78 x 1.35	0.187	0.6	9	42H5696	10.17
X CELL, 5.0 AH	5	2.87 x 1.75	0.250	1.85	9	89C2919	9.72
E CELL, 8.0AH	8	3.94 x 1.75	0.250	1.85	9	42H5697	11.91
J CELL, 12.0 AH	12	4.85 x 2.04	0.312	1.08	9	89C2836	34.85
BC CELL, 25.0AH	25	6.25 x 2.57	...	3.68	10	89C2813	37.18

4-VOLT

Mfg. Part No.	Nom. Cap. @10Hr. Rate (Ah)	H x W x D (in.)	Terminal Size (in.)	Wt. (lbs.)	Layout	Stock No.	1-9
4VD, 2.5AH	2	2.75 x 3.13 x 1.81	0.187	0.8	2	45H2924	12.98
4VX, 5.0AH	5	3.02 x 3.8 x 2.12	0.250	1.62	2	59J2313	17.90
4VE, 8.0AH	8	4 x 3.81 x 2.13	0.250	2.11	2	45H2925	20.05

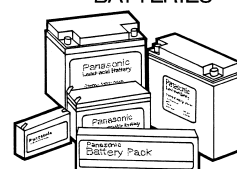
6-VOLT

Mfg. Part No.	Nom. Cap. @10Hr. Rate (Ah)	H x W x D (in.)	Terminal Size (in.)	Wt. (lbs.)	Layout	Stock No.	1-9
6VD, 2.5AH	2	2.75 x 4.48 x 1.81	0.187	1.15	2	89C3018	15.58
6VX, 5.0AH	5	3.02 x 5.48 x 2.12	0.250	2.16	2	59J2321	21.41
6VE, 8.0AH	8	4 x 5.48 x 2.13	0.250	3.15	2	59J2318	25.38

(72410)

RECHARGEABLE SEALED LEAD-ACID BATTERIES

Panasonic BATTERIES



6

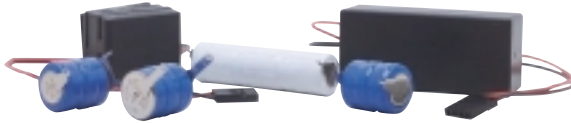
Maintenance-free, lead-acid batteries are designed as an absorbed electrolyte system, with exceptional leak resistance. May be used in any position. Applications: video, cellular phone, UPS and emergency lighting. Other 6V and 12V Panasonic batteries are available; go online or call.

Mfg Part No.	Rated Capacity		Dimensions					Stock No.	Price Each
	Volts	20 Hr. Rate (Ah)	L	W	H	Total Ht. (Incl. Term)	Wt. (lbs.)		
LC-R0613RPU	6	1.3	3.82"	0.94"	1.97"	2.16"	0.66	15C9858	26.04
LC-R063R4P	6	3.4	5.28"	1.34"	...	2.6"	1.37	46M4713	27.06
LC-R064R5P	6	4.5	2.76"	1.89"	...	4.02"	1.59	57K6186	13.55
LC-067R2P	6	7.2	5.95"	1.33"	3.70"	3.93"	2.78	15C9862	23.21
LC-R0612P	6	12	5.95"	1.96"	3.70"	3.93"	4.3	15C9857	26.04
LC-R0612P1	6	12	5.95"	1.96"	3.70"	...	4.3	14C3446	24.09
LC-R121R3P	12	1.3	3.82"	1.87"	...	2.16"	1.3	46M4714	30.02
LC-R122R2PU	12	2.2	6.97"	1.34"	2.36"	2.60"	1.76	98F4981	35.62
LC-R123R4PU	12	3.5	5.28"	2.64"	2.36"	2.56"	2.65	18C0624	44.04
LC-127R2P	12	7.2	5.95"	2.53"	3.70"	3.93"	5.45	15C9864	36.66
LC-R127R2P1	12	7.2	5.95"	2.53"	3.70"	...	5.45	14C4016	34.00
LCRA1212P1	12	12	5.95"	3.86"	3.70"	4.01"	8.36	72C7107	67.45
LC-1217P	12	17	7.12"	2.99"	6.57"	6.57"	14.3	15C9863	80.53
LCX1220P	12	20	7.13"	2.49"	6.97"	6.57"	14.56	29H3493	67.55
UP-RW1220P1	12	20	5.51"	1.51"	...	3.99"	2.98	46M4717	34.75
LC-X1228AP	12	28	6.5"	4.9"	...	6.9"	24.3	46M4715	111.48
LC-X1228P	12	28	6.5"	4.9"	...	7.1"	24.3	46M4716	111.48
LC-LA1233P	12	33	7.70"	5.11"	6.10"	7.08"	26.5	15C9855	114.56
LC-X1242P	12	42	7.76"	6.50"	6.90"	7.08"	35.3	83C8406	154.84
UP-RW1245P1	12	45	5.95"	2.54"	...	3.99"	5.73	46M4718	39.75

(59488)

INVERTERS/ALTERNATE POWER SOURCES • POWER INVERTERS

COMPUTER BATTERY PACKS



Mfg. Part No.	Term.	Volts	Cap. (mAh)	Cross Reference	Stock No.	Price Each	
						1-24	25-99
COMP-16-3	3-Pin PC Board Mount	3.6	60	3V/60R	15C6520	2.24	2.13
COMP-11SML	4-Circuit Connector	4.5	800	841	15C6518	12.08	11.49
COMP-39-2	2-Pin PC Board Mount	3.6	110	P-01N-13P	15C6522	5.99	5.70

(59075)

POWER INVERTERS



150 watts or 350 watts of continuous power. Mobile power is suitable for both business and leisure users to power a variety of equipment. Low voltage battery notification - the unit notifies users when the connected source battery requires recharging and when use of power equipment should be discontinued. 1 year warranty. UL listed and CSA certified.



Mfg. Part No.	Output	Outlets	Weight	H x W x D	Stock No.	Price Each
PNOTEAC150	150W	1	.78 lbs.	6.18 x 3.19 x 1.8"	66K7511	49.48
PNOTEAC350	350W	2	2.7 lbs.	7.0 x 6.5 x 2.5"	49H9802	79.93

(76227)

POWERVERTER ULTRA-COMPACT DC TO AC INVERTERS



- Ideal for Powering Laptops, Small Appliances, Tools and Mobile Office Equipment
- Fits Easily in Briefcase, Toolbox or Glove Compartment
- Includes Easily Replaceable External Fuses and Illuminated On/Off Switch



PV600

Rugged all-metal housings, low battery-voltage alarms/shutdowns and DC overload protection. Mfg. part no. PV150 and PV375 include a cigarette lighter plug.

Mfg. Part No.	Output (Continuous/Peak)	Outlets	Weight (lbs.)	Dimensions (in.)			Stock No.	Price Each
				H	W	D		
PV150	150/300W	1	2	1.75	3.75	5.75	81C9215	40.42
PV375	375/600W	2	2.2	2	4.25	7	70H8575	64.38
PV600	600/1200W	3	2.5	2.75	5	8.25	83H4078	116.58
PV1000HF	1000/2000W	3	5	3.75	6	12.5	27C4803	280.00
PV1800HF	1800/3600W	3	7.25	4	6	15	27C4809	392.00
PV3000HF	3000/6000W	4	12.2	4.1	11.1	14	65H7563	600.30

(51186)

POWERVERTER® PLUS HIGH-PERFORMANCE INVERTERS



- High-efficiency operation conserves batteries for longer run times
- Frequency control for operating stability
- Converts DC battery power to 120V, 60Hz AC power
- Automatic overload protection
- Clean, quiet operation



PV600FC

These PowerVerter® industrial-strength inverters are ideal for heavy-duty applications such as power tools, pumps, fans, desktop computer systems, portable electronics and battery chargers. Maintain up to 200% of their rated output for short durations, providing adequate power to start large AC motors and handle heavy inductive loads. Two NEMA-rated AC outlets. Diagnostic LEDs offer continuous status on load level and battery charge. Easy connection and mounting with user-supplied cable and hardware. Color: black. Instruction manual included. One-year manufacturer's warranty.

Mfg. Part No.	Input (VDC)	Continuous Output (W)	Peak Output (W)	Dimensions (in.)			Wt. (lbs.)	Stock No.	Price Each
				H	W	D			
PV1250FC	12	1250	2500	7.00	8.75	9.00	23.2	45K1362	402.00
PV2000FC	12	2000	4000	7.30	8.50	16.5	41	17C6603	615.00
PV2400FC	24	2400	4800	7.30	8.50	16.5	42	17C6604	768.00

(59070)

APS INVERTERS WITH INTEGRATED BATTERY CHARGER AND AUTOMATIC SWITCHOVER



APS1524

Automatically sense and switch AC output between outside power (utility or generator) and battery power when no AC power is available. Ideal for use as mobile power systems or stationary UPS/emergency power supplies. 3-stage battery charger for quicker recharge, plus protection against over-charge and over-discharge to ensure a longer service life from batteries. High-efficiency output is frequency-controlled to support sensitive loads.

Mfg. Part No.	Input	Continuous Output (Watts)	Peak Output (Watts)	Outlets	Shipping Weight (lbs.)	Stock No.	Price Each
APS750	12V	750	1500	2	19	97F9171	426.09
APS1250	12V	1250	2500	2	25	97F9172	587.98
APS1524	24V	1500	3000	Hardwire	27	07H6665	725.42
APS2012	12V	2000	4000	Hardwire	44	95B4197	862.87
APS2424	24V	2400	4800	Hardwire	42	95B4198	969.78

REMOTE MODULE

Provides remote control operation for all listed models. Includes RJ-45 plug, 50-foot cord and same LED meters and power switch as the front panels of the compatible models.

Mfg. Part No.	Stock No.	Price Each
APSRM4	11J7830	147.74

(50915)

XPOWER INVERTERS AND POWER SUPPLIES



XPower 175



Powerpack 150



Battery Monitor

DC-AC INVERTERS

Mfg. Part No.	Surge Power (W)	Output Power Cont. (W)	Description	Stock No.	Price Each
813-0075	...	60	XPower Mobile Plug 75	70H0191	31.14
813-0081	160	80	XPower Pocket Inverter 100	36K1572	51.90
851-0175	300	150	XPower 175	70H0260	31.14
851-0400	600	320	XPower 400	34H2752	41.52
851-0700	1000	560	XPower 700	34H2753	72.66
809-2000	5000	2000	RS 2000 Sine Wave Inverter/Charger	36K1570	1324.80
809-3000	7500	3000	RS 3000 Sine Wave Inverter/Charger	36K1571	1656.00

POWER SUPPLIES

Mfg. Part No.	Output Power Cont. (W)	Description	Stock No.	Price Each
802-1500	1350	XPower Powerpack 1500	61H7136	384.06
852-1900	320	Powerpack 400 w/Vehicle Jump Start and Air Compressor	82H8387	155.70
852-0150	120	Powerpack 150 w/Vehicle Jump Start	97J9676	83.04
XDL 35-5	105	Programmable DC Supply, 35V, 5A	35K9473	786.60
XDL 56-4	112	Programmable DC Supply, 56V, 4A	35K9474	801.78
XDL 56-4P	112	Programmable DC Supply, 56V, 4A, Terminals on Rear	35K9475	1008.78

BATTERY MONITOR

Mfg. Part No.	Voltage Range	Current Range	Amp-Hour Range	Stock No.	Price Each
854-2015-00	0-35 VDC	-500-500 A	±200-1,999 Ah	36K1580	285.45

(85046)

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(94660)

POWER INVERTERS • BATTERY CHARGERS • BATTERY CONTACTS

DC-TO-AC POWER INVERTERS



**PROWATT® series** power inverters plug in for instant portable AC power to run laptops, printers, or fax machines. Convert battery power to standard AC power. Provide extra-long battery running time without recharging. Inverters can be plugged into cigarette lighter or any 12-volt battery pack for portable AC power. Compatible with AC adapter/charger found on computers. Surge to power levels far beyond their continuous ratings for short periods of time. Ideal for running loads with high start-up requirements. Internal circuits protect equipment from spikes and voltage fluctuations. Automatically shut down if overloaded or overheated. Order inverter accessory products separately on this page.



PROWATT 150

10-15VDC INPUT

Mfg. part No.	Surge	Output Power (Continuous)	L x W x H	Stock No.	Price Each
801-0150	400W	150W	4.7 x 7 x 1.9"	92C2954	40.00
PROWATT 250	500W	225W	6 x 4.5 x 1.5"	01F271	95.00
801-1000	2000W	1000W	10.25 x 9.5 x 3.25"	71C7083	300.00
801-1750	1750W	1500W	4.25 x 2.5 x 3.0"	71C7084	460.00
PROWATT 3000	3000W	2500W	4.25 x 2.5 x 6.25"	91C4467	800.00

20-30VDC INPUT

PROWATT 250/24	500W	225W	6 x 4.5 x 1.5"	01F275	136.00
PROWATT 800/24	1/2hp	800W	10 x 9 x 3"	01F276	630.00
PROWATT 1500/24	3/4hp	1500W	16 x 6 x 3"	01F277	850.00

(12237)

PROSINE™ INVERTERS AND INVERTER/CHARGER



PROsine™ inverters deliver true sine wave AC output: a clean, reliable electric power, often better than grid power supplied by local electric companies. Feature automatic overload, short circuit, over temperature, reverse polarity fuses and AC backfeed and over/under voltage protection. PROsine 1000s and 1800s dimensions: 4.5H x 11.0W x 15.4"D. PROsine 2.5 dimensions: 5.5H x 15.0W x 20.0"D. Approvals: CE (230V models), CSA NRTL/C (120V models), UL458, UL1741 CSA 107.1, designed to meet KKK-A-1822D.



Mfg. Part No.	Surge	Output Power	Description	Stock No.	Price Each
PROSINE 1000 WITH GFCI AC OUT	1300W	1000W	GFCI AC Outlet	83F6846	890.00
PROSINE 1000 WITH AC HWR & SWI	1300W	1000W	AC Hard Wire and Transfer Switch	83F6848	940.00
PROSINE 1800 WITH GFCI AC OUT	2300W	1800W	GFCI AC Outlet	83F6849	1300.00
PROSINE 1000/24/120	2300W	1800W	AC Hard Wire	83F6850	980.00
806-1852	2300W	1800W	AC Hard Wire and Transfer Switch	83F6851	1480.00
PROSINE 2.5	4000W	2500W	True Sine Wave Inverter/Charger	01F285	2600.00

(30872)

TRUECHARGE™ SERIES BATTERY CHARGERS



- Provide Fast, Accurate Charge For Deep-Cycle Batteries
- Microprocessor Controlled
- Maintain Correct Charging Voltage
- Quick Set-up for Different Battery Types
- Built-in Surge Protector



TRUECHARGE 10 CLI

Mfg. part no. 808-0231 temperature sensor automatically adjusts charger output according to the temperature of the battery electrolyte. Mfg. part nos. Truecharge 20 REM and Truecharge 40 REM remote display panels feature LED voltage indicators and plug into "remote panel". Order Truecharge™ series accessory items below.

BATTERY CHARGERS

Mfg. Part No.	Output Current	Battery Connections	L x W x H	Stock No.	Price Each
TRUECHARGE 10 CLI	10A	Alligator Clip Leads	7.5 x 6.75 x 2.75"	01F279	222.00
TRUECHARGE 20	20A	Triple-Output Terminals	15 x 6.75 x 2.75"	01F280	377.40
TRUECHARGE 40	40A	Triple-Output Terminals	15 x 6.75 x 2.75"	01F281	450.00
804-0111	10A	Single-Output Terminals	10.75 x 6.5 x 2.75"	31C9519	177.60

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
808-0231	Temperature Sensor	85C4648	30.00
TRUECHARGE 20 REM	Remote Display Panel	01F283	44.40
TRUECHARGE 40 REM	Remote Display Panel	01F284	44.40

(12236)

XC SERIES BATTERY CHARGERS



Xantrex XC Battery Chargers are designed to provide longer battery life by independently controlling the charge profile for each battery bank. The XC is the first "smart" charger that can charge up to 3 different battery chemistries simultaneously. This unique multiplex design means that boaters can choose the optimal battery type for each application on their boat without concern about battery damage from either under- or overcharging.



Mfg. Part No.	Output Current (A)	Output Voltage (V)	Stock No.	Price Each
804-1524	15	24	36K1530	467.10
804-2524	25	24	36K1531	622.80
804-3012	30	12	36K1532	467.10
804-5012	50	12	36K1533	622.80

(85045)

9155 SERIES BATTERY CONNECTORS



Just Added



Standard Battery Connector



Reduced Sized Battery Connector



Ultra-Low Profile Battery Connector

- 2.5mm pitch spacing
- Contact rating: 3A per contact
- 5,000 mating cycles

Applications include cellular phones, handheld devices, industrial modules and medical electronics. Standard and reduced sized connectors are end to end stackable.

STANDARD BATTERY CONNECTORS

Mfg. Part No.	No. of Contacts	Operating Height (mm)	Contact Height (mm)	Stock No.	Price Each	
					1-9	10-99
009155003001016	3	3.0	1.2	70K6831	0.84	0.76
009155003002016	3	3.0	1.8	56K4214	0.84	0.76
009155003003016	3	3.0	2.3	36K6566	0.86	0.78
009155004001016	4	3.0	1.2	22K2868	0.86	0.78
009155004002016	4	3.0	1.8	56K4216	0.89	0.80
009155004003016	4	3.0	2.3	03M5838	0.89	0.80

REDUCED SIZED BATTERY CONNECTORS

009155002201006	2	2.4	1.2	22K2865	0.68	0.61
009155003201006	3	2.4	1.2	22K2867	0.74	0.67
009155004201006	4	2.4	1.2	22K2869	0.78	0.71

ULTRA-LOW PROFILE BATTERY CONNECTORS

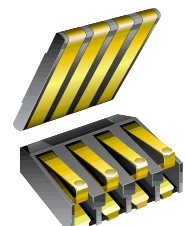
009155002101006	2	1.3	1.2	22K2864	1.16	1.05
009155003101006	3	1.3	1.2	22K2866	1.18	1.07

(89351)

70AAJ SERIES MODULAR BATTERY CONTACTS



Modular battery contacts are reliable, low-cost, high-performance innovations ideal for use in handheld communications devices and portable computing. Surface mount compatibility. Twin hot contacts, end-to-end stackable. 2.54mm pitch and height. Pick-and-place compatible. Glass-reinforced thermoplastic insulator. Copper alloy contacts. Current rating: DC 3A/contact. Max. voltage: 60VDC. Dielectric voltage: 500VAC. Operating temperature: -55°C to +125°C. Additional values available; go online or call.



MALE

Mfg. Part No.	Contacts	Stock No.	Price Each			
			1-9	10-49	50-99	100-499
70AAJ-2-M0	2	05B2686	0.89	0.81	0.71	0.65
70AAJ-3-M0	3	05B2688	1.15	1.03	0.92	0.83
70AAJ-4-M0	4	91B5811	1.40	1.26	1.12	1.01
70AAJ-5-M0	5	18C3869	1.78	1.61	1.43	1.29
70AAJ-6M0	6	93B5297	2.16	1.95	1.73	1.56

FEMALE

70AAJ-2FO	2	93B5292	0.51	0.46	0.41	0.37
70AAJ-3-FO	3	93B5290	0.77	0.69	0.61	0.55
70AAJ-4-FO	4	92B1784	0.92	0.83	0.73	0.66
70AAJ-5-FO	5	92B1774	1.02	0.92	0.82	0.74

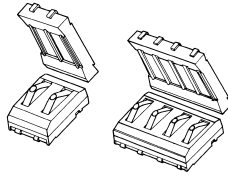
(47372)

BATTERY CONTACTS

70AD SERIES MODULAR BATTERY CONTACTS



70AD series modular contacts are ideal for rechargeable batteries, battery packs, battery chargers, cellular phones, and portable transceivers. They feature high-quality plated 4mm pitch contacts and captured contact spring to prevent accidental pull-out. Available in 2, 3, 4, 5, or 6 contact configurations. Surface mount or thru-hole mounting style. Pick-and-place compatible. High-temperature molded plastic withstands surface mounting process. Suffix "1" in mfg. part no. indicates locator pins (surface mount style only).



THRU-HOLE MOUNT

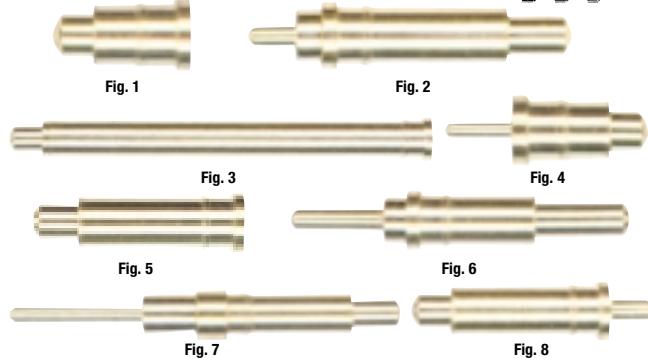
Mfg. Part No.	Contacts	Contact Style	Stock No.	Price Each		
				1-24	25-99	100+
● 70ADH-002-MLO	2	Male	01F485	1.14	1.05	0.97
● 70ADH-003-MLO	3	Male	01F486	1.43	1.31	1.21
● 70ADH-005-MLO	5	Male	31C6774	2.15	1.97	1.83
● 70ADH-006-MLO	6	Male	01F489	2.50	2.30	2.12

SURFACE MOUNT

Mfg. Part No.	Contacts	Contact Style	Stock No.	Price Each		
				1-24	25-99	100+
● 70ADJ-2- MLO	2	Male	01F475	1.04	0.96	0.89
● 70ADJ-003-FLO	3	Female	01F491	1.16	1.07	0.99
● 70ADJ-003-ML1	3	Male	01F481	1.30	1.20	1.11
● 70ADJ-003-MLO	3	Male	01F476	1.30	1.20	1.11
● 70ADJ-004-ML1	4	Male	01F482	1.62	1.49	1.38
● 70ADJ-005-MLO	5	Male	01F478	1.96	1.81	1.67
● 70ADJ-005-FL1	5	Female	01F498	1.74	1.60	1.48
● 70ADJ-005-ML1	5	Male	01F483	1.96	1.81	1.67
● 70ADJ-006-FLO	6	Female	01F494	2.04	1.88	1.74

(17146)

SPRING LOADED CONTACTS



Applications include base unit (battery/charger) interface for:

- Mobile phones
- Medical instruments
- Mobile radios
- Test instruments
- Bar code readers

Individual precision machined pins feature long 1-million-cycle life, 2A current capacity and 100Vrms/150VDC voltage capacity. Contact diameter: .042". Gold-plated components. Spring loaded modular strip contacts available on pages 608-609.

Mfg. Part No.	Fig.	Height (in)	Travel (in)	Stock No.	Price Each
					1-49
● 0900-0-00-00-00-11-0	1	0.137	0.039	96H6930	0.41
● 0900-1-00-00-00-00-11-0	1	0.177	0.055	07H9755	0.41
● 0900-2-00-00-00-00-11-0	1	0.197	0.055	07H9759	0.35
● 0900-3-00-00-00-00-11-0	1	0.217	0.055	30K5594	0.41
● 0900-4-00-00-00-00-11-0	1	0.236	0.055	30K5595	0.35
● 0901-0-00-00-00-00-11-0	2	0.348	0.055	83H1486	0.41
● 0905-0-00-00-00-00-11-0	3	0.692	0.054	30K5597	0.60
● 0906-0-15-20-75-14-11-0	4	0.206	0.039	84K5081	1.52
● 0906-1-15-20-75-14-11-0	4	0.177	0.055	84K5083	0.46
● 0906-2-15-20-75-14-11-0	4	0.197	0.055	84K5085	0.46
● 0906-3-15-20-75-14-11-0	4	0.217	0.055	84K5087	0.46
● 0906-4-15-20-75-14-11-0	4	0.236	0.055	84K5089	0.46
● 0907-0-15-20-75-14-11-0	5	0.255	0.055	80K5504	0.46
● 0907-1-15-20-75-14-11-0	5	0.275	0.055	85K8787	0.46
● 0907-2-15-20-75-14-11-0	5	0.295	0.055	85K8788	0.46
● 0907-3-15-20-75-14-11-0	5	0.315	0.055	85K8789	0.46
● 0907-4-15-20-75-14-11-0	5	0.335	0.055	85K8790	0.46
● 0907-5-15-20-75-14-11-0	5	0.350	0.055	85K8791	0.46
● 0907-6-15-20-75-14-11-0	5	0.370	0.055	85K8792	0.46
● 0907-7-15-20-75-14-11-0	5	0.390	0.055	85K8793	0.46
● 0907-8-15-20-75-14-11-0	5	0.410	0.055	85K8794	0.46
● 0907-9-15-20-75-14-11-0	5	0.430	0.055	85K8795	0.46

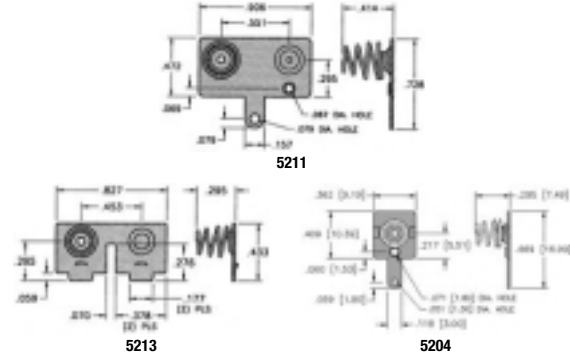
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SPRING LOADED CONTACTS (CONT.)

Mfg. Part No.	Fig.	Height (in)	Travel (in)	Stock No.	Price Each
● 0914-0-15-20-77-14-11-0	6	0.417	0.090	84K5102	0.58
● 0922-0-15-20-75-14-11-0	7	0.575	0.055	84K5105	0.50
● 0980-0-15-20-75-14-11-0	8	0.298	0.055	85K8796	0.64

(84780)

BATTERY SPRING AND BUTTON CONTACTS



- Spring Material: Nickel-Plated Spring Steel
- Plated Material: 0.020" Nickel-Plated Steel

Economical and reliable contacts are ideal for molded cases with self-contained battery compartments. Solder tab design for versatile PC mounting or wire lead attachment. Spring contact design adjusts to varying battery lengths and provides low contact resistance and dependable connections.

A AND AA CELL SIZES

Mfg. Part No.	Description	Stock No.	Price Each
			1-49
● 5211	Dual Contact w/Tabs	31C6768	0.25
● 5212	Dual Contact	03C2729	0.29
● 5201	negative Spring w/Tabs	31C6766	0.15
● 5202	Negative Spring	03C2726	0.18
● 5223	Positive Button w/Tabs	31C6771	0.11
● 5224	Positive Button	03C2727	0.09

AAA, AAAA and N CELL SIZES

● 5213	Dual Contact — Right Side	31C6769	0.22
● 5203	Negative Spring	90B2547	0.24
● 5204	Negative Spring w/Tabs	31C6767	0.15
● 5225	Positive Button	90B0729	0.07
● 5226	Negative Button w/Tabs	31C6772	0.11

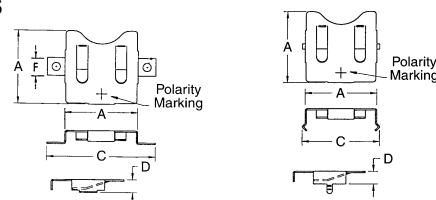
PC BATTERY CONTACTS

Material: 0.12" thick, spring steel, nickel plated. Ideal for self-contained battery compartments.

Mfg. Part No.	Stock No.	Price Each
		1-49
● 108-2	73H0152	0.11
● 109-2	01C2849	0.23

(88300)

3000 SERIES COIN CELL RETAINER CONTACTS



Surface Mount (SMT)

Thru Hole Mount (THM)

3000 series contacts retain coin cell securely and withstand shock and vibration. Designed for quick and easy battery installation and replacement. Suitable for memory backup applications, soldering and reflow operations. Balanced and lightweight with stable thru mount legs. Solder tail design for joint strength. Polarity is clearly marked. Surface and thru hole mount retainer contacts are available for 12mm to 24mm lithium coin cell batteries.

SURFACE MOUNT

Mfg. Part No.	Dimensions (in.)			Cell Dia. (mm)	Battery Reference	Stock No.	Price Each
	A	C	D				1-49
● 2998	0.315	0.421	0.114	6.8	MC621, V364, SC621	31C0589	0.35
● 3000	0.52	0.745	0.125	12	12mm coin cell	66F5622	0.39
● 3012	0.664	0.914	0.156	16	16mm coin cell	31C0594	0.40

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BATTERY CONTACTS • BATTERY HOLDERS

3000 SERIES COIN CELL RETAINER CONTACTS (CONT.)

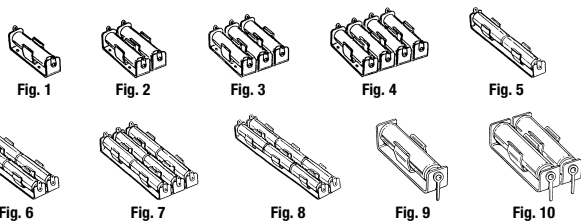
Mfg. Part No.	Dimensions (in.)			Cell Dia. (mm)	Battery Reference	Stock No.	Price Each
	A	C	D				
● 3002	0.831	1.210	0.156	20	20mm coin cell	66F5624	0.40
● 3004	0.939	1.339	0.145	23	23mm coin cell	66F5626	0.41
● 3010	0.939	1.339	0.240	23	23mm coin cell	31C0592	0.43
● 3006	1	1.400	0.156	24	24mm coin cell	66F5628	0.44
● 3008	1	1.400	0.230	24	24mm coin cell	20C3591	0.47

THRU HOLE MOUNT

● 3001	0.52	0.585	0.118	12	12mm coin cell	66F5623	0.39
● 3013	0.664	0.723	0.145	16	16mm coin cell	31C0595	0.40
● 3003	0.831	0.890	0.145	20	20mm coin cell	66F5625	0.40
● 3005	0.939	1.004	0.145	23	23mm coin cell	66F5627	0.41
● 3011	0.939	1.004	0.240	23	23mm coin cell	31C0593	0.43
● 3009	1	1.059	0.230	24	24mm coin cell	31C0590	0.47

(7008)

ALUMINUM BATTERY HOLDERS



Ideal for alkaline, carbon, zinc, mercury, Ni-Cad and lithium cells. Tin-plated brass terminal lugs. Moistureproof fiber insulating washers. Frame and clip 2024-ST4 aluminum, per QQ-A-362. Nickel-plated brass contact eyelets.

"AAA" CELL HOLDERS

Mfg. Part No.	Fits These Batteries	Fig.	Stock No.	Price Each
				1-49
● 137	Eveready: E92, 912, CH12; Duracell: M24F, MN2400; Ray-O-Vac: 824; NEDA: 24A, 24F, 24P	1	59K0296	1.88
● 138				3.32
● 169				4.86
● 170				6.64

"AA" CELL HOLDERS

● 139	Eveready: E9, EV15, EN91, CH15, E133, E133N, E177, 505, 523, 1015, 1215; Duracell: ZM9, RM12R, NC15AA, M15F, M15AA, TR133R, TR177, M505, MN1500, PC1500; Ray-O-Vac: 5AA, 615, 815, 7AA; NEDA: 15, 15A, 15C, 15D, 15F, 15M, 15NC, 221, 1101M, 1113M, 1306M, 1314M, 1606M	1	59K0297	1.22
● 140		2	59K0298	2.45
● 171		3	58K2777	3.90
● 182		4	59K0315	5.53
● 189		5	35F1593	2.07
● 192		6	58K2780	3.75
● 193		7	60K7093	6.59
● 2222*		9	59K0354	1.54
● 2223*		10	59K0355	2.64

"C" CELL HOLDERS

● 173	Eveready: CH35, E93, 935, 1235, EV35, EN93; Duracell: M14F, M14HD, NC14C, TR286, MN1400, PC1400; Ray-O-Vac: 1C, 614, 814; NEDA: 14A, 14C, 14D, 14F, 14NC, 1600M	1	59K0313	1.49
● 174		2	35F1598	2.60
● 187		3	58K2778	5.88
● 196		6	60K7094	4.36
● 197		7	59K0316	7.67

"D" CELL HOLDERS

● 175	Eveready: CH50, E95, 950, 1250, EV50, E95; Duracell: M13F, NC13D, S42, M13HD, TR289, MN1300, PC1300; Ray-O-Vac: 2D, 6D, 613, 813; NEDA: 13A, 13C, 13D, 13F, 13NC, 1115M, 1801M	1	59K0314	1.73
● 176		2	60K7088	3.03
● 186		5	35F1607	2.60
● 190		3	58K2779	6.67
● 200		6	58K2888	5.25
● 201		7	58K2889	9.06
● 205		8	59K0317	7.46

"22 1/2 VOLT BATTERY HOLDERS

● 177	Eveready: 412; Duracell: M215; NEDA: 215	...	35F1629	1.62
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\* With PC lugs.

POLARITY INDICATING LABEL

No gluing or wetting needed. Pressure sensitive adhesive back. Adheres to all surfaces. Recommended where proper polarity of battery insertion or circuit polarity is to be shown. Labels are two color, (+) positive side red; arrow (-) negative side blue.

Mfg. Part No.	Stock No.	Price Each
		1-4
● 58	94F869	4.68

(6936)

NICKEL-PLATED STEEL BATTERY HOLDERS



Corrosion-resistant holders with fully-insulated, nickel plated brass contacts recommended for shock or severe vibration environment. Resin-impregnated, fiber-insulating washers are moisture proof.

"AA" CELL HOLDERS

Mfg. Part No.	Fig.	Fits These Batteries	Cell	Stock No.	Price Each
					1-49
● 2139	1	Eveready: E9, EV15, EN91, CH15, E133, E133N, E177, 505, 523, 1015, 1215; Duracell: ZM9, RM12R, NC15AA, M15F, M15AA, TR133R, TR177, M505, MN1500, PC1500; Ray-O-Vac: 5AA, 615, 815, 7AA; NEDA: 15, 15A, 15C, 15D, 15F, 15M, 15NC, 221, 1101M, 1113M, 1306M, 1341M, 1606M	1	59K0342	1.66
● 2140*	2		2	59K0343	2.86
● 2171*	3		3	59K0344	4.28
● 2182*	4		4	58K2893	5.49

"C" CELL HOLDERS

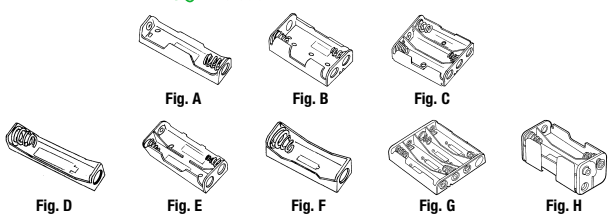
● 2173	1	Eveready: CH35, E93, 935, 1235, EV35, EN93; Duracell: M14F, M14HD, NC14C, TR286, MN1400, PC1400; Ray-O-Vac: 1C, 614, 814; NEDA: 14A, 14C, 14D, 14F, 14NC, 1600M	1	59K0345	1.91
● 2174*	2		2	59K0346	3.80
● 2186	5		2	59K0349	3.13
● 2198†	5		4	59K0353	3.33

"D" CELL HOLDERS

Mfg. Part No.	Fig.	Fits These Batteries	Cell	Stock No.	Price Each
					1-49
● 2175	1	Eveready: CH50, E95, 950, 1250, EV50, EN95; Duracell: M13F, NC13D, S42, M13HD, TR289, MN1300, PC1300; Ray-O-Vac: 2D, 6D, 613, 814; NEDA: 13A, 13C, 13D, 13F, 13NC, 1115M, 1801M	1	59K0347	2.33
● 2176*	2		2	59K0348	4.34
● 2190*	3		3	60K7100	6.33
● 2192*	4		4	59K0352	9.64
● 2188	4		4	58K2894	7.19

\*Clips mounted on 0.062" thick phenolic; †End-to-end model. (6938)

PLASTIC BATTERY HOLDERS



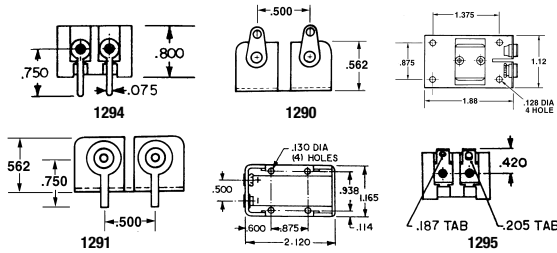
Hold batteries securely in place to provide a positive connection and maintain low contact resistance. Available with PC terminals or wire leads. Choice of solder lugs or male/female snap fasteners. Contact springs self-adjust to variations in battery length. Able to withstand shock and vibration. Holder material: polypropylene. Springs: spring steel, nickel-plated. PC pins: 0.031 brass, nickel-plated.

Mfg. Part No.	Cells	Battery Size	Mounting	Fig.	Stock No.	Price Each
						1-49
● 2460	1	AA	PC Board	A	16F1089	0.94
● 2461	1	AA	6" Wire Lead	A	16F1090	0.94
● 2466	1	AAA	PC Board	D	16F1095	0.94
● 2467	1	AAA	6" Wire Lead	D	16F1096	0.94
● 2471	1	N	6" Wire Lead	F	16F1100	0.92
● 2462	2	AA	PC Board	B	16F1091	0.98
● 2463	2	AA	6" Wire Lead	B	16F1092	0.98
● 2470	1	N	PC Board	F	16F1099	0.92
● 2468	2	AAA	PC Board	E	16F1097	0.98
● 2469	2	AAA	6" Wire Lead	E	16F1098	0.98
● 2474	2	AA	Snap On	E	18C1021	0.98
● 2490*	2	AA	6" Wire Lead	E	31C0588	1.17
● 2464	3	AA	PC Board	C	16F1093	1.30
● 2465	3	AA	6" Wire Lead	C	16F1094	1.30
● 2475	3	AA	Snap On	C	24C8843	1.30
● 2487*	3	AA	6" Wire Lead	C	31C0587	1.50
● 2484*	3	AAA	6" Wire Lead	C	31C0586	1.50
● 2479	3	AAA	PC Board	C	17C7357	1.30
● 2480	3	AAA	6" Wire Lead	C	31C0583	1.30
● 2476	4	AA	Snap On	H	31C0581	1.43
● 2477	4	AA	PC Board	G	17C7400	1.43
● 2478	4	AA	6" Wire Lead	G	31C0582	1.43
● 2481	4	AAA	PC Board	G	31C0584	1.43
● 2482	4	AAA	6" Wire Lead	G	31C0585	1.43

\* Densi-Pak snap-on plastic cover (7027)

BATTERY HOLDERS

9V BATTERY HOLDERS



Male-female snap-in tin-plated brass terminals. Nickel-plated contacts, nylon body.

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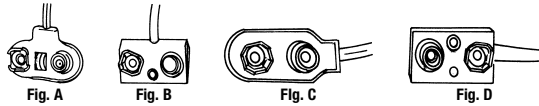
Mfg. Part No.	Description	Stock No.	Price Each
● 1294	PC Terminals	59K0295	1.37
● 1295	Quick Disconnect Solder Lug	58K2754	1.32

SNAP-IN ALUMINUM FRAME

● 1290	Solder Lugs	59K0294	2.06
● 1291	PC Lugs	60K7082	2.16

(6904)

9-VOLT BATTERY STRAPS



Rigid construction. Nickel-plated, male and female contacts. Wires have tinned copper conductors, PVC insulation and are stripped for easy connections. All straps insulated except mfg. part nos. 72 and 72-8. Wire leads soldered for increased reliability.

9 VOLT BATTERY STRAPS

Mfg. Part No.	Fig.	Material	Lead Length (in.)	Style	Stock No.	Price Each
● 232	C	Vinyl	4.00	I	91B5445	0.38
● 233	C	Vinyl	6.00	I	22C4351	0.39
● 234	C	Vinyl	8.00	I	99F9979	0.40
● 235	A	Vinyl	4.00	T	52F3319	0.41
● 236	A	Vinyl	6.00	T	31C0580	0.42
● 237	A	Vinyl	8.00	T	30C1545	0.43
● 2238	C	Rigid Vinyl	4.00	I	59K0356	0.75
● 2239	C	Rigid Vinyl	6.00	I	59K0357	0.76
● 2240	C	Rigid Vinyl	8.00	I	58K2897	0.78
● 2241	A	Rigid Vinyl	4.00	T	59K0358	0.79
● 2242	A	Rigid Vinyl	6.00	T	59K0359	0.80
● 2243	A	Rigid Vinyl	8.00	T	16F438	0.82
● 68	A	0.062" Fiber	No lead	...	38F1305	0.47
● 72	A	0.062" Fiber	7.00	...	35F1681	1.28
● 72-8	A	0.062" Fiber	8.00	...	16F441	1.33
● 83-4	D	Fiber	4.00	I	16F427	1.84
● 83	D	Fiber	6.50	I	16F428	1.86
● 83-8	D	Fiber	8.00	I	16F429	1.88
● 85-4	B	Fiber	4.00	T	16F430	2.14
● 85-8	B	Fiber	8.00	T	16F432	2.17

SHIELDED 9 VOLT BATTERY STRAPS

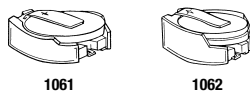
● 81-6	A	Polypropylene	6.00	T	31C0662	0.46
● 84-4	A	Polypropylene	4.00	T	38H9326	0.45
● 84-6	A	Polypropylene	6.00	I	23C7324	0.46

(7034)

SURFACE MOUNT COIN CELL BATTERY HOLDERS



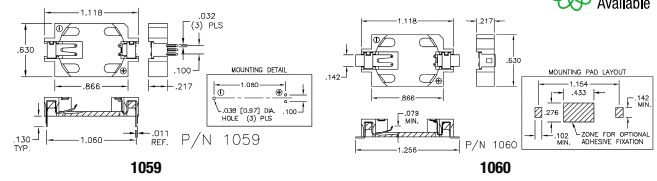
SMT single and dual holders for 20mm diameter, 3-volt lithium coin cell batteries, designed to meet the stringent needs of surface mount applications. Operating temperature range: -60°F to +540°F.



Mfg. Part No.	Fits Cell Size	Cells	Stock No.	Price Each
● 1061	20mm Coin Cell: 2016, 2020, 2025, 2032	1	59K0291	1.75
● 1062	20mm Coin Cell: 2016, 2020, 2025, 2032	2	59K0292	1.75
● 1066	20mm Coin Cell: 2035, 2032	1	58K2751	1.30

(6940)

LOW-PROFILE SURFACE AND THRU-HOLE COIN CELL HOLDERS

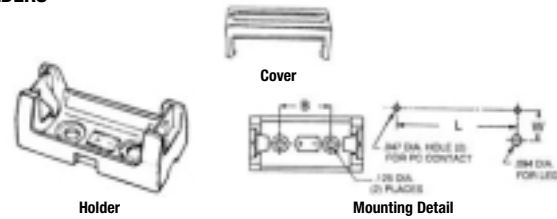


Polarized holder. .010" phosphor bronze electro solder over nickel plate. UL94V-0 base.

Mfg. Part No.	Mount	Battery Type	Stock No.	Price Each
● 1059	Thru-Hole	2032	59K0290	1.31
● 1060	Surface Mount	2032	66K6781	1.31

(68299)

1/2 AA, AA AND 3/4 AA SIZE BATTERY HOLDERS



Snap-in PC contact design holds in position for wave solderability. Bright tin plating over nickel over copper contacts. Polarity marked for orientation.

Mfg. Part No.	Fits Cell Size and Type	Mounting			Stock No.	Price Each
		B	L	W		
● 108	1/2AA (Holder)	0.610"	1.160"	0.279"	50F4685	1.29
● 108C	1/2AA (Cover)	0.610"	1.160"	0.279"	50F4686	0.30
● 1028	AA (Holder)	1.610"	2.160"	0.279"	95F3289	1.29
● 1028C	AA (Cover)	1.610"	2.160"	0.279"	95F3290	0.51
● 1029	2/3A (Holder)	0.950"	1.500"	0.320"	95F3291	1.29
● 1029C*	2/3A (Cover)	0.950"	1.500"	0.320"	95F3292	0.48
● 1029LC	2/3A (Cover)	0.950"	1.500"	0.320"	78H1108	0.50

\*Not shown

LITHIUM BATTERY HOLDERS — ALUMINUM HOLDER

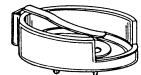
Mfg. Part No.	Fits Cell Size	Terminal Type	Stock No.	Price Each
● 131	2/3 A	PC Lugs	97H7527	1.78
● 132	2/3 A	Standard Lugs	98F9933	1.87

(6941)

PC BOARD MOUNT COIN CELL LITHIUM BATTERY HOLDERS



Accommodate lithium coin cell batteries 12-24mm diameter, 1.6-3.2mm height, and provide long-term power for 3-volt memory backup applications. Mount directly to PC board. Made of UL approved Noryl 190, holders are impervious to most solvents. Temperature range: -50°C to +145°C.

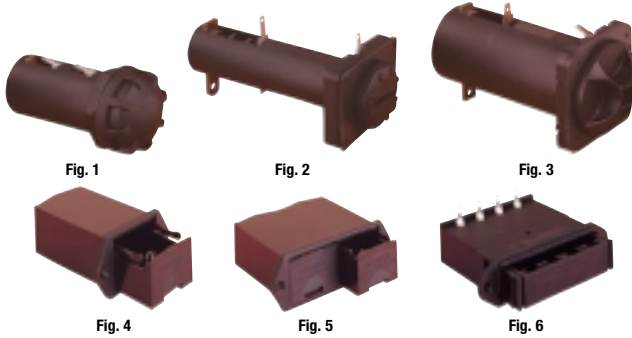


Mfg. Part No.	Fits These Batteries	Cells	Stock No.	Price Each
				1-49
● 500	12mm Coin Cells	1	95F3284	0.92
● 501	12mm Coin Cells	2	95F3285	1.65
● 502	16mm Coin Cells	1	95F3286	1.30
● 103	20mm Coin Cells	1	16F424	1.30
● 106	20mm Coin Cells	1	46F858	1.30
● 1026	20mm Coin Cells	2	87F3817	1.43
● 104	23mm Coin Cells	1	16F425	1.30
● 107	23mm Coin Cells	1	46F859	1.30
● 1027	23mm Coin Cells	2	87F3818	1.43
● 1025-7	24mm Coin Cells	1	31C0540	1.43
● 105	24mm Coin Cells	1	46F857	1.30
● 1025	24mm Coin Cells	2	87F3816	1.43
● 301	30mm Coin Cells	1	31C0591	1.30

(6939)

BATTERY HOLDERS

BATTERY HOLDERS



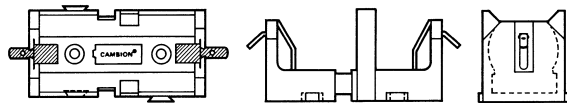
- UL94V-0 flame retardant materials
- IP67 front panel sealed versions for AA, C, and D size cells
- Drawer style holder for AA, C, and 9-volt cells

Manufactured from quality moldings and metal components to provide a secure and reliable connection. Available for battery sizes AA, C, D and 9V for 1, 2, or 4 cells. Panel mounting versions are front panel sealed to IP67, extending the applications into harsher external environments where dust or waterproof seal is needed.

Mfg. Part No.	Fig.	Cells	Battery Size	Dimensions (LxHxW mm)	Stock No.	Price Each
						1-24
● BXS001/1	1	1	C	61.4 x 42	50H3501	7.77
● BXS002/1	1	2	C	108.7 x 42	50H3502	9.00
● BXS011/1	2	1	AA	69.9 x 42 x 36	50H3504	6.54
● BXS012/1	2	2	AA	120.4 x 42 x 36	50H3505	7.16
● BXS016	3	1	D	83.5 x 50.3 x 50.3	50H3507	9.07
● BXS017	3	2	D	143.8 x 50.3 x 50.3	50H3508	15.33
● BX0023	4	1	9 V	60 x 34	92C3807	4.01
● BX0026	5	2	9 V	60 x 56.8	92C3809	8.14
● BX0027	6	4	AA	57.2 x 72	92C3810	10.88

(78907)

400 SERIES MOLDED BATTERY HOLDERS

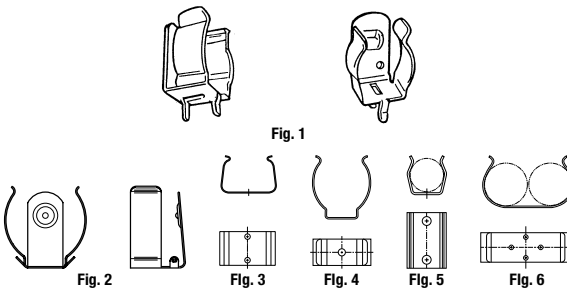


All holders feature interlocking dovetails for grouping multiple batteries together. UL94V-0 rated plastic bodies.

Mfg. Part No.	Fits Battery	Stock No.	Price Each
			1-49
● 400-2800-01-00-20	"C" size	13F3155	9.62
● 400-2801-01-00-20	"D" size	13F3156	10.53
● 400-2802-01-00-20	"AA" size	65F1801	6.12
● 400-1800-01-00-20	PP3-9V	81F3822	7.20

(4717)

BATTERY CLIPS AND ACCESSORIES



SNAP-IN PC BATTERY CLIPS

Mfg. Part No.	Fig.	For Cells	Stock No.	Price Each
				1-49
● 82	1	AAA, N	95F3281	0.26
● 92	1	A, AA	50F4684	0.26

SURFACE MOUNT BATTERY CLIP

● 55	1	AAA, N	18C1819	0.26
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STEEL SPACE SAVER BATTERY CLIPS

● 86	2	C	90B0646	0.54
● 88	2	D	35F1574	1.22

▶ CONTINUED ▶

BATTERY CLIPS AND ACCESSORIES (CONT.)

STEEL SPACE SAVER BATTERY CLIPS

Mfg. Part No.	Fig.	For Cells	Stock No.	Price Each
				1-49
● 89	2	D	35F1575	0.64
● 99	2	AA	35F1576	0.26

ALUMINUM COMPONENT CLIPS

● 91	5	AA	35F1579	0.20
● 95	3	9 V	94F9912	0.44
● 98	6	D	31C1108	1.14

STEEL COMPONENT CLIPS

● 71	3	9 V	94F1482	0.28
● 78	4	D	97H7531	0.39
● 80	5	9 V	91B6138	0.37
● 217	6	NiCd	98F723	0.78
● 221	6	0.875	94B3359	0.38

BATTERY RETAINER CLIPS

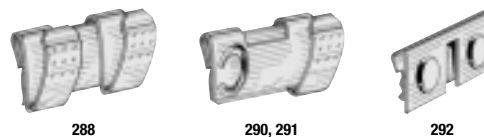
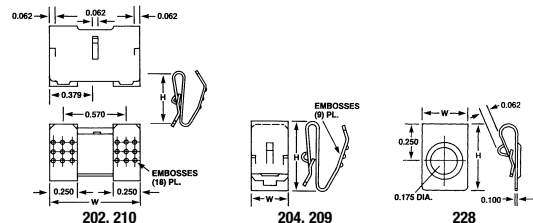
Mfg. Part No.	Description	For Use With	Stock No.	Price Each
				1-49
● 61	Retainer for "AA" cell with diameters of 0.532" to 0.562"	Keystone Battery Clips; Cat. No. 91, 92, 92-015, 95, 99, and 100	97H7528	0.29
● 62	Retainer for "C" cells or similar size batteries to 1.032" diameter	Keystone Battery Clips; Cat. No. 86, 87, 93, and 222	97H7529	0.24
● 63	Retainer for "D" cells or similar batteries to 1.343" diameter	Keystone Battery Clips; Cat. No. 88, 89, and 94	97H7530	0.26

BATTERY SPRING CONTACT

Mfg. Part No.	Description	For Use With	Stock No.	Price Each
				1-49
● 211	0.025 Dia. Spring Steel, Nickel Plate	A & AA Cells	54H0610	0.08

\* Insulated contacts. (6942)

SNAP-ON BATTERY CLIPS



Self-anchoring clips fit over panels 0.060" to 0.070" thick. External solder ear simplifies soldering. Nickel-plated tempered steel spring.

Mfg. Part No.	Battery Size	Height (in.)	Width (in.)	Stock No.	Price Each
					1-49
● 202	AAA, AAAA, N	0.358	0.660	16F423	0.30
● 204	AAA, AAAA, N	0.358	0.250	95F3293	0.20
● 238	AAA, AAAA, N	0.338	0.234	95B9609	0.14
● 209	A, AA	0.449	0.312	95F3294	0.20
● 228	A, AA	0.450	0.312	95F3295	0.15
● 210	A, AA	0.449	0.820	95F3296	0.30
● 288	A, AA	0.449	0.820	95B9618	0.30
● 290	A, AA	0.449	0.820	95B9619	0.30
● 291	A, AA	0.449	0.820	95B9620	0.30
● 292	A, AA	0.450	0.820	95B9621	0.30

\*Left: +Right (6905)