

# NI-CAD SINGLE CELLS



PART NO.	X-REF/DESCRIPTION	VOLTS	mAh	DIAMETER x HEIGHT	
				(MM)	(INCHES)
N-120TA	N-120TA	1.2	120	7.8 x 42.5	.306 x 1.67
1/3AAA-50	N-50 AAA	1.2	50	10.5 x 16	.414 x .630
AAA-180	STANDARD AAA	1.2	180	10.5 x 44.5	.414 x 1.75
AAA-250	N-250 AAA	1.2	250	10.5 x 44.5	.414 x 1.75
N-150	N-150N	1.2	150	12 x 29.5	.473 x 1.16
N-180	P-18N	1.2	180	12 x 29.5	.473 x 1.16
N-230	N-230N	1.2	230	12 x 29.5	.473 x 1.16
1/3AA-110	N-110 AA	1.2	110	14.5 x 17	.571 x .670
1/3AA-130	N-130 AA	1.2	130	14.5 x 17	.571 x .670
1/2AA-250SHORT	1/2AA	1.2	250	14.13 X 23	.557 X .939
1/2AA-270	N-270 AA	1.2	270	14.5 x 30	.571 x 1.18
1/2AA-320	N-320 AA	1.2	320	14.5 x 30	.571 x 1.18
AA-500	STANDARD AA CONSUMER TOP	1.2	500	14.2 x 50	.559 x 1.97
AA-600	N-600 AA CONSUMER TOP	1.2	600	14.2 x 50	.559 x 1.97
AA-600FT	N-600 AA	1.2	600	14.2 x 50	.559 x 1.97
AA-700	N-700 AA CONSUMER TOP	1.2	700	14.2 x 50	.559 x 1.97
AA-700FT	N-700 AA	1.2	700	14.2 x 50	.559 x 1.97
AA-800	N-800 AA CONSUMER TOP	1.2	800	14.2 x 50	.559 x 1.97
AA-800FT	N-800 AA	1.2	800	14.2 x 50	.559 x 1.97
AA-900	N-900 AA CONSUMER TOP	1.2	900	14.2 x 50	.559 x 1.97
AA-900FT	N-900 AA	1.2	900	14.2 x 50	.559 x 1.97
AA-1000	P-100AAR	1.2	1000	14.2 x 50	.559 x 1.97
AA-1100	KR-1100AAU	1.2	1100	14.2 x 50	.559 x 1.97
5/4AA-1200	N-1200 AAE LONG AA	1.2	1200	14.2 x 65	.559 x 2.50
1/3AF-210	1/3A SUB F NI-CAD CELL	1.2	210	17 x 17	.670 x .670
2/3AF-500	2/3A SUB F NI-CAD CELL	1.2	500	17 x 28	.670 x 1.10
2/3AF-700	2/3A SUB F NI-CAD CELL	1.2	700	17 x 28	.670 x 1.10
4/5AF-1100	4/5A SUB F NI-CAD CELL	1.2	1100	17 x 43	.670 x 1.69
4/5AF-1200	4/5A SUB F NI-CAD CELL	1.2	1200	17 x 43	.670 x 1.69
AF-1200	STANDARD A CELL	1.2	1200	17 x 50	.670 x 1.97
AF-1400	STANDARD A CELL	1.2	1400	17 x 50	.670 x 1.97
AF-1400E	KR-1400 AE	1.2	1400	17 x 50	.670 x 1.97
AF-1400U	KR-1400 AU	1.2	1400	17 x 50	.670 x 1.97
AFR-800	N-800AR RAPID CHARGE	1.2	800	17 x 50	.670 x 1.97
5/4AF-1700	5/4 A SUB F NI-CAD CELL	1.2	1700	17 x 67	.670 x 2.64
5/4AF-2000	5/4 A SUB F NI-CAD CELL	1.2	2000	17 x 67	.670 x 2.64

Note: All above available with solder tabs, add WT to Part No.  
Contact Factory for items not listed.

# NI-CAD SINGLE CELLS (Cont)

PART NO.	X-REF/DESCRIPTION	VOLTS	mAh	DIAMETER x HEIGHT (MM) (INCHES)	
1/2SC-650	1/2 SUB-C CELL	1.2	650	23 x 26	.906 x 1.02
1/2SC-1300	1/2 SUB-C RAPID CHARGE	1.2	1300	23 x 26	.906 x 1.02
4/5SC-1300	4/5 SUB-C RAPID CHARGE	1.2	1300	23 x 34	.906 x 1.34
SCH-1200	HIGH TEMP	1.2	1200	23 x 43	.906 x 1.69
SC-1300	KR-1300 SC	1.2	1300	23 x 43	.906 x 1.69
SC-1500	SUB-C CELL	1.2	1500	23 x 43	.906 x 1.69
SC-1700	SUB-C CELL	1.2	1700	23 x 43	.906 x 1.69
SCR-1700	KR1700 SCR	1.2	1700	23 x 43	.906 x 1.69
SC-1800	KR1800 SC	1.2	1800	23 x 43	.906 x 1.69
5/4SC-2000	KR2300 SCE	1.2	2000	23 x 50	.906 x 1.97
1/2C-700	1/2 C SIZE CELL	1.2	700	26 x 24	1.02 x .946
3/5C-1100	3/5 C SIZE CELL	1.2	1100	26 x 30	1.02 x 1.18
C-1200	CONSUMER C CELL	1.2	1200	26 x 50	1.02 x 1.97
C-2000	KR-2000 C	1.2	2000	26 x 50	1.02 x 1.97
C-2500	CONSUMER C CELL	1.2	2500	26 x 50	1.02 x 1.97
CR-3000	N-3000CR	1.2	3000	26 x 50	1.02 x 1.97
1/2D-2200	1/2 D SIZE CELL	1.2	2200	33 x 36.8	1.30 x 1.45
1/2D-2400	1/2 D SIZE CELL	1.2	2400	33 x 36.8	1.30 x 1.45
3/5D-2800	3/5 D SIZE CELL	1.2	2800	34 x 44	1.34 x 1.73
D-1800	CONSUMER D CELL	1.2	1800	34 x 61	1.34 x 2.40
D-4000	STANDARD D CELL	1.2	4000	34 x 61	1.34 x 2.40
DR-4000	RAPID CHARGE N-4000DR	1.2	4000	34 x 61	1.34 x 2.40
D-4400	HIGH CAPACITY D CELL	1.2	4400	34 x 61	1.34 x 2.40
D-5000	KR-5000DE	1.2	5000	34 x 61	1.34 x 2.40
F-7000	KR-7000F	1.2	7000	34 x 91	1.34 x 3.59
M-10000	KR-10000M	1.2	10000	43 x 91	1.69 x 3.59
M-20000	KR-20000M	1.2	20000	43 x 146	1.69 x 5.75

**NOTE: Panasonic and Sanyo Batteries available upon request. Contact factory.**

# NICKEL METAL HYDRIDE SINGLE CELLS

PART NO.	X-REF/DESCRIPTION	VOLTS	mAh	DIAMETER x HEIGHT (MM) (INCHES)	
1/2AA-600NM	GP60AAH	1.2	600	14.5 x 30	.571 x 1.18
AA-1200NM	H-AA1200A CONSUMER TOP	1.2	1200	14.2 x 50	.559 x 1.97
AA-1400NM	H-AA1400A CONSUMER TOP	1.2	1400	14.2 x 50	.559 x 1.97
AA-1600NM	H-AA1600A CONSUMER TOP	1.2	1600	14.2 x 50	.559 x 1.97
AA-1650NM	HR-3U CONSUMER TOP	1.2	1650	14.2 x 50	.559 x 1.97
AA-1650NMFT	HR-AAU	1.2	1650	14.2 x 50	.559 x 1.97
AA-1700NM	H-AA1700A CONSUMER TOP	1.2	1700	14.2 x 50	.559 x 1.97
AA-1800NM	H-AA1800A CONSUMER TOP	1.2	1800	14.2 x 50	.559 x 1.97
AAA-600NM	H-AAA600A CONSUMER TOP	1.2	600	10.5 x 44.5	.414 x 1.75
AAA-650NM	HR-4U CONSUMER TOP	1.2	650	10.5 x 44.5	.414 x 1.75
AAA-720NMFT	HR-AAAU	1.2	720	10.5 x 44.5	.414 x 1.75
5/4AAA-700NM	H-5/4AAA-700A CONSUMER TOP	1.2	700	10.5 x 50	.414 x 1.96
5/4AAA-770NM	HR-5/4AAAU CONSUMER TOP	1.2	770	10.5 x 50	.414 x 1.96
2/3AF-1000NM	GP100AFH	1.2	1000	17 x 28	.670 x 1.10
4/5AF-2150NM	HR-4/5U	1.2	2150	17 x 43	.670 x 1.69
AF-2700NM	HR-AU	1.2	2700	17 x 50	.670 x 1.97
5/4AF-3800NM	HR-4/3AU	1.2	3800	17 x 67	.670 x 2.64
5/4AF-4000NM	HR-4/3FAU	1.2	4000	18 x 67	.670 x 2.64
5/4AF-4000NM-17	HR-4/3AU	1.2	4000	17 x 67	.670 x 2.64
5/4AF-4500NM	HR-4/3FAU	1.2	4500	18 x 67	.670 x 2.64
SC-2200NMH	HR-SC	1.2	2200	23 x 43	.906 x 1.69
SC-2500NMH	H-SC2500P	1.2	2500	23 x 43	.906 x 1.69
SC-3000NM	HR-SCU	1.2	3000	23 x 43	.906 x 1.69
C-3000NM	H-C3000A CONSUMER TOP	1.2	3000	26 x 50	1.02 x 1.97
C-4000NM	H-C4000A CONSUMER TOP	1.2	4000	26 x 50	1.02 x 1.97
D-7000NM	H-D7000A CONSUMER TOP	1.2	7000	34 x 61	1.34 x 2.40
D-7500NM	HR-D	1.2	7500	34 x 61	1.34 x 2.40
D-9000NM	H-D9000A CONSUMER TOP	1.2	9000	34 x 61	1.34 x 2.40

# NI-CAD/NICKEL METAL HYDRIDE BUTTON CELLS



PART NO.	CHEMISTRY	X-REF/DESCRIPTION	VOLTS	mAh	DIAMETER x HEIGHT (MM) (INCHES)	
15FSNM	NIMH	V15H-VARTA 55601-101-000	1.2	15	11.5 x 3.1	.453 x .122
30SS	NICAD	GP30BVK	1.2	30	11.6 x 5.4	.457 x .213
40FSNM	NIMH	V40H-VARTA 55604-101-000	1.2	40	11.5 x 5.35	.453 x .211
40SSNM	NIMH	GP40BVH	1.2	40	11.6 x 5.4	.457 x .213
60SS	NICAD	GP60BVK	1.2	60	15.5 x 6.2	.611 x .244
80FSNM	NIMH	V80H-VARTA 55608-101-000	1.2	80	15.5 x 6.0	.611 x .236
80SSNM	NIMH	GP80BVH	1.2	80	15.5 x 6.2	.611 x .244
150FSONM	NIMH	V150H-VARTA 55615-101-000	1.2	150	OVAL	OVAL
170SS	NICAD	GP170BVK	1.2	170	25.1 x 6.7	.989 x .264
200FSMH	NIMH	V200H-VARTA FLARED CELL	1.2	200	25.1 x 6.7	.989 x .264
250FSMH	NIMH	V250H-VARTA 55625-101-000	1.2	250	25.1 x 6.7	.989 x .264
250SSNMH	NIMH	GP250BVH	1.2	250	25.1 x 6.7	.989 x .264
280SS	NICAD	GP280BVK	1.2	280	25.1 x 8.4	.989 x .335
300FSMH	NIMH	CP300H-VARTA 55630-101-000	1.2	300	25.1 x 7.55	.989 x .295
320SSNM	NIMH	GP320BVH	1.2	320	25.1 x 8.4	.989 x .335

# NI-CAD SLIM LINE CELLS



PART NO.	X-REF/DESCRIPTION	VOLTS	mAh*	DIMENSIONS (MM)		
				WIDTH	HEIGHT	THICKNESS
KF-B450	KF-B400	1.2	450	17	48	6.1
KF-A650	KF-A600	1.2	650	17	67	6.1
KF-B650	KF-B650	1.2	650	17	48	8.3
KF-A900	KF-A900	1.2	900	17	67	8.1
KF-A1200	KF-A1200	1.2	1200	17	67	10.3

# NI-MH SLIM LINE CELLS

PART NO.	X-REF/DESCRIPTION	VOLTS	mAh*	DIMENSIONS (MM)		
				WIDTH	HEIGHT	THICKNESS
HF-C1U	HF-C1U	1.2	600	17	35.5	6.1
HF-B1UX	HF-B1UX	1.2	880	17	48.0	6.1
HF-B2UA	HF-B2UA	1.2	950	17	48.0	8.3
HF-A1U	HF-A1U	1.2	1350	17	67.0	6.1

\*Average capacity when a single cell is discharged at 0.2It after being charged at 0.1It for 16 hours

# 9V BATTERIES - NI-CAD/LITHIUM/NICKEL METAL HYDRIDE

PART NO.	CHEMISTRY	VOLTS	CAP (mAh)	CROSS REF.	TERMINATION
9V-7.2	NICAD	7.2	150	P-9R, TR6/7, GP15F7K	9V SNAPS
9V-7.2NM	NIMH	7.2	150	TR6/7, GP15F7K	9V SNAPS
9V-8.4	NICAD	8.4	150	TR7/8, GP15F8K	9V SNAPS
9V-8.4NM	NIMH	8.4	150	TR7/8, GP15F8K	9V SNAPS
9V-8.4NM VARTA	NIMH	8.4	150	TR7/8 VARTA	9V SNAPS
9V-9.6NMH	NIMH	9.6	175	PBNH 1606A	9V SNAPS
LITH-9V	LITHIUM	9	1200	LITHIUM 9V, U9VL	9V SNAPS
LITH-9V3V-QD	LITHIUM	3	1200	U3VLJQ	9V SNAPS
N-6PT	NICAD	7.2	120	N-6PT	9V SNAPS