

Ni-MH Cell Data Sheet

AAA, AA, C, D and SC nickel metal hydride cells from 300mAh to 9000mAh, 1.2V nominal.

One physical size covers a wide capacity range, which lets one housing serve several product variants. AA runs from 600mAh to 2500mAh in the same 50.5 by 14.5mm can.

Cells are assembled into series and parallel packs to order, as with the 12V 10S1P AA2000mAh pack published on our Ni-MH pages.

All figures on this sheet are published by Sunder Battery on sunderbattery.com. Nothing here is estimated. Where a value depends on a test condition, the condition is printed beside it.

Ni-MH Battery Cell Model List

Type	Model	Voltage (V)	Capacity (mAh)	Dimension H*D (mm)	Weight (g)
AAA	AAA300	1.2	300	44.5*10.5	7.5
	AAA400	1.2	400	44.5*10.5	8
	AAA550	1.2	550	44.5*10.5	8.5
	AAA600	1.2	600	44.5*10.5	9
	AAA650	1.2	650	44.5*10.5	9.5
	AAA700	1.2	700	44.5*10.5	10
	AAA750	1.2	750	44.5*10.5	11
	AAA800	1.2	800	44.5*10.5	12
	AAA850	1.2	850	44.5*10.5	12.5
	AAA900	1.2	900	44.5*10.5	13
AA	AAA1000	1.2	1000	44.5*10.5	14
	AA600	1.2	600	50.5*14.5	15
	AA700	1.2	700	50.5*14.5	15.5
	AA750	1.2	750	50.5*14.5	16
	AA800	1.2	800	50.5*14.5	19
	AA1000	1.2	1000	50.5*14.5	23
	AA1100	1.2	1100	50.5*14.5	24
	AA1200	1.2	1200	50.5*14.5	24.5
	AA1300	1.2	1300	50.5*14.5	25
	AA1400	1.2	1400	50.5*14.5	25.5
	AA1500	1.2	1500	50.5*14.5	26
	AA1600	1.2	1600	50.5*14.5	26.5
	AA1700	1.2	1700	50.5*14.5	27
	AA1800	1.2	1800	50.5*14.5	28
	AA2000	1.2	2000	50.5*14.5	29
	AA2100	1.2	2100	50.5*14.5	29.5
	AA2200	1.2	2200	50.5*14.5	30
	AA2300	1.2	2300	50.5*14.5	30.5
	AA2400	1.2	2400	50.5*14.5	32
	AA2500	1.2	2500	50.5*14.5	32.5

Type	Model	Voltage (V)	Capacity (mAh)	Dimension H*D (mm)	Weight (g)
C	C2400	1.2	2400	50.5*28.5	54
	C3500	1.2	3500	50.5*28.5	71
	C4000	1.2	4000	50.5*28.5	75
	C4500	1.2	4500	50.5*28.5	79
D	D5000	1.2	5000	61.5*33.0	94
	D6000	1.2	6000	61.5*33.0	113
	D7000	1.2	7000	61.5*33.0	130
	D8000	1.2	8000	61.5*33.0	151
	D9000	1.2	9000	61.5*33.0	168
SC	SC3000	1.2	3000	23.0*43.0	60
	SC3300	1.2	3300	23.0*43.0	62
	SC3500	1.2	3500	23.0*43.0	64
	SC3600	1.2	3600	23.0*43.0	65.5
	SC4000	1.2	4000	23.0*43.0	70