

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

For decades, our product range has been dynamically adapting to the constant changes in the industry.

We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

NiMH RECHARGEABLE BATTERY



Item No.:	Pcs per pack	Type	Terminal type	Capacity (mAh)	Internal resistance (mΩ)	Standard charge (mA)	Fast charge (mA)
3455085	4	AAA	Micro HR03	1050	≤40	105 (14-16 hrs)	1050 (1.1 hrs)
3455086	8	AAA	Micro HR03	1050	≤40	105 (14-16 hrs)	1050 (1.1 hrs)
3455089	4	AA	Mignon HR6	1300	≤45	130 (14-16 hrs)	1300 (1.1 hrs)
3455091	4	AA	Mignon HR6	2400	≤35	240 (14-16 hrs)	2400 (1.1 hrs)
3455093	4	AA	Mignon HR6	2650	≤35	265 (14-16 hrs)	2650 (1.1 hrs)
3455094	8	AA	Mignon HR6	2650	≤35	265 (14-16 hrs)	2650 (1.1 hrs)
3455095	2	C	Baby HR14	2500	≤30	250 (14-16 hrs)	2500 (1.1 hrs)
3455097	2	C	Baby HR14	4500	≤20	450 (14-16 hrs)	1800 (3.2 hrs)
3455099	2	D	Mono HR20	5000	≤15	5000 (14-16 hrs)	4500 (2.3 hrs)
3455101	2	D	Mono HR20	10000	≤12	1000 (14-16 hrs)	5000 (2.3 hrs)

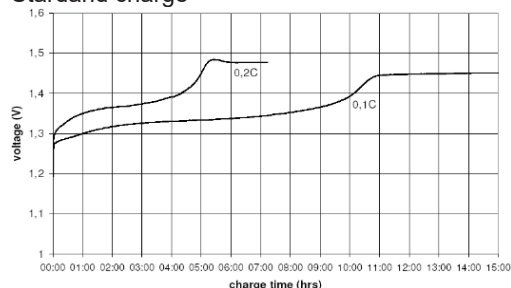
TECHNICAL DATA

Type	NiMH
Classification	Rechargeable
Nominal voltage	1.2 V
Life expectancy	≥500 cycles
Heavy metals	Lead(Pb)/Cadmium(Cd)/Mercury(Hg) are not detected(<MDL)
Ambient temperature range (Type AA, AAA)	0 to +45 °C standard charge 10 to +40 °C fast charge -20 to +65 °C discharge -20 to +50 °C storage (≤1 month) -20 to +40 °C storage (≤3 months) -20 to +30 °C storage (≤12 months)
Ambient temperature range (Type C, D)	0 to +45 °C standard charge 10 to +40 °C fast charge -20 to +65 °C discharge (≤1.0 °C) 0 to +45 °C discharge (> 1.0 °C) -20 to +50 °C storage (≤3 month) -20 to +40 °C storage (≤6 months) -20 to +30 °C storage (≤24 months)

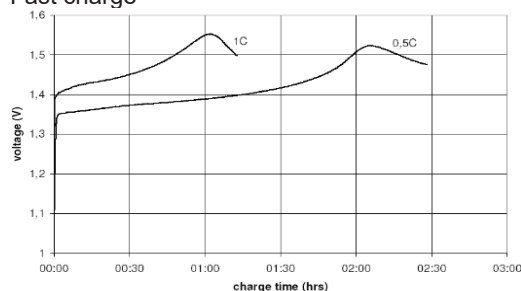
*For performance and safety, observe the operating / storage conditions.

PERFORMANCE CHARACTERISTICS

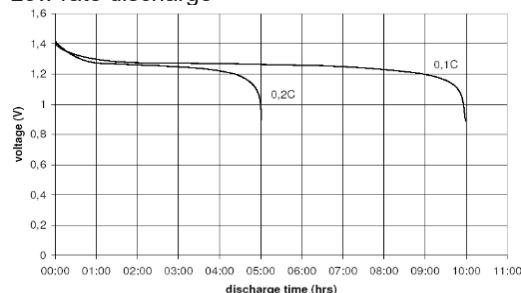
Standard charge



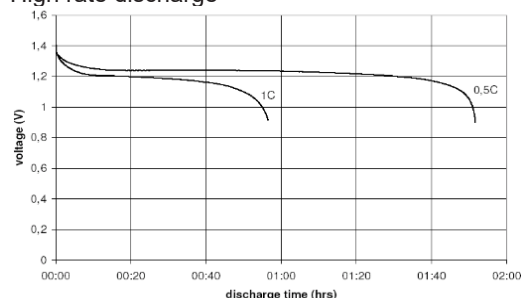
Fast charge



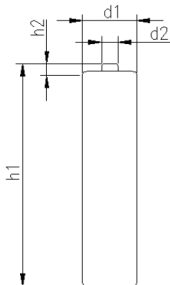
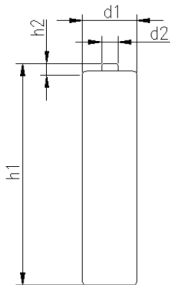
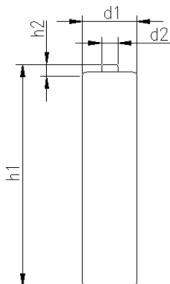
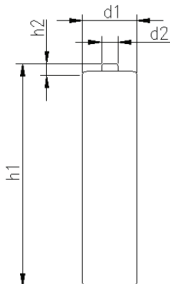
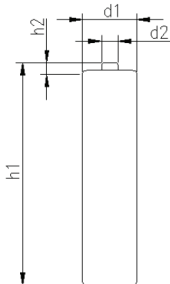
Low rate discharge



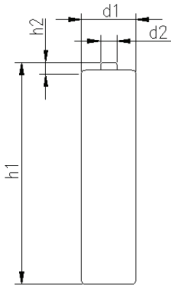
High rate discharge



DIMENSIONS AND WEIGHT

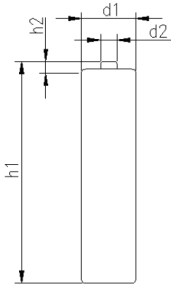
BN 3455085												
		<table><tr><td>d1</td><td>10.5 - 0.7 mm</td></tr><tr><td>d2</td><td>max. 3.8 mm</td></tr><tr><td>h1</td><td>44.5 - 1.5 mm</td></tr><tr><td>h2</td><td>min. 0.8 mm</td></tr><tr><td>Weight:</td><td>approx. 13.5 g</td></tr></table>	d1	10.5 - 0.7 mm	d2	max. 3.8 mm	h1	44.5 - 1.5 mm	h2	min. 0.8 mm	Weight:	approx. 13.5 g
d1	10.5 - 0.7 mm											
d2	max. 3.8 mm											
h1	44.5 - 1.5 mm											
h2	min. 0.8 mm											
Weight:	approx. 13.5 g											
BN 3455086												
		<table><tr><td>d1</td><td>10.5 - 0.7 mm</td></tr><tr><td>d2</td><td>max. 3.8 mm</td></tr><tr><td>h1</td><td>44.5 - 1.5 mm</td></tr><tr><td>h2</td><td>min. 0.8 mm</td></tr><tr><td>Weight:</td><td>approx. 13.5 g</td></tr></table>	d1	10.5 - 0.7 mm	d2	max. 3.8 mm	h1	44.5 - 1.5 mm	h2	min. 0.8 mm	Weight:	approx. 13.5 g
d1	10.5 - 0.7 mm											
d2	max. 3.8 mm											
h1	44.5 - 1.5 mm											
h2	min. 0.8 mm											
Weight:	approx. 13.5 g											
BN 3455089												
		<table><tr><td>d1</td><td>14.3 - 0.7 mm</td></tr><tr><td>d2</td><td>max. 5.5 mm</td></tr><tr><td>h1</td><td>50.4 - 0.5 mm</td></tr><tr><td>h2</td><td>min. 1.2 mm</td></tr><tr><td>Weight:</td><td>approx. 23 g</td></tr></table>	d1	14.3 - 0.7 mm	d2	max. 5.5 mm	h1	50.4 - 0.5 mm	h2	min. 1.2 mm	Weight:	approx. 23 g
d1	14.3 - 0.7 mm											
d2	max. 5.5 mm											
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Weight:	approx. 23 g											
BN 3455091												
		<table><tr><td>d1</td><td>14.3 - 0.5 mm</td></tr><tr><td>d2</td><td>max. 5.5 mm</td></tr><tr><td>h1</td><td>50.5 - 0.5 mm</td></tr><tr><td>h2</td><td>min. 1.2 mm</td></tr><tr><td>Weight:</td><td>approx. 30 g</td></tr></table>	d1	14.3 - 0.5 mm	d2	max. 5.5 mm	h1	50.5 - 0.5 mm	h2	min. 1.2 mm	Weight:	approx. 30 g
d1	14.3 - 0.5 mm											
d2	max. 5.5 mm											
h1	50.5 - 0.5 mm											
h2	min. 1.2 mm											
Weight:	approx. 30 g											
BN 3455093												
		<table><tr><td>d1</td><td>14.5 - 0.7 mm</td></tr><tr><td>d2</td><td>max. 5.5 mm</td></tr><tr><td>h1</td><td>50.5 - 0.5 mm</td></tr><tr><td>h2</td><td>min. 1.2 mm</td></tr><tr><td>Weight:</td><td>approx. 31 g</td></tr></table>	d1	14.5 - 0.7 mm	d2	max. 5.5 mm	h1	50.5 - 0.5 mm	h2	min. 1.2 mm	Weight:	approx. 31 g
d1	14.5 - 0.7 mm											
d2	max. 5.5 mm											
h1	50.5 - 0.5 mm											
h2	min. 1.2 mm											
Weight:	approx. 31 g											

BN 3455094



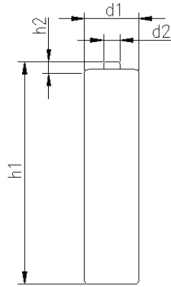
d1	14.5 - 0.7 mm
d2	max. 5.5 mm
h1	50.5 - 0.5 mm
h2	min. 1.2 mm
Weight:	approx. 31 g

BN 3455095



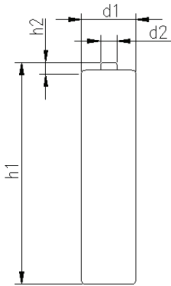
d1	25.6 - 1.0 mm
d2	max. 7.5 mm
h1	50.0 - 2.0 mm
h2	min. 1.5 mm
Weight:	approx. 60 g

BN 3455097



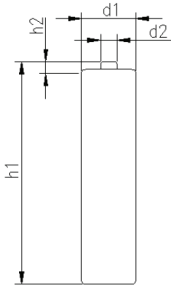
d1	25.6 - 1.0 mm
d2	max. 7.5 mm
h1	50.0 - 2.0 mm
h2	min. 1.5 mm
Weight:	approx. 80 g

BN 3455099



d1	32.8 - 1.0 mm
d2	max. 9.5 mm
h1	61.5 - 2.0 mm
h2	min. 1.5 mm
Weight:	approx. 115 g

BN 3455101



d1	32.8 - 1.0 mm
d2	max. 9.5 mm
h1	61.5 - 1.5 mm
h2	min. 1.5 mm
Weight:	approx. 157 g