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Product Overview:
11 different
electro-chemical Systems

RECHARGEABLE MICRO BATTERIES

VARTA Microbattery combines entrepreneurial substance, strategic visions and technological competency for constantly improved products, application oriented designs and innovative product development. For more information please visit our internet page www.varta-microbattery.com.

Type Designation	Type No.	Voltage (V)	Capacity (mAh)	Diameter (mm)	Height (mm)	Length (mm)	Width (mm)	Weight (g)
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Rechargeable Ni-MH Battery Range

Rechargeable Button Cells (Ni-MH)

V...H robust								
V 15 H	55602	1.2	16	11.5	3.1			1.3
V 40 H	55604	1.2	43	11.5	5.35			1.7
V 80 H	55608	1.2	80	15.5	6.0			4.0
V 150 H	55615	1.2	150		5.85	14.1	25.6	6.0
V 200 H	55620	1.2	210		7.4	14.1	25.6	7.0
V 250 H	55625	1.2	250	25.1	6.7			10.0
CP 300 H	55630	1.2	300	25.1	7.55			11.0
V 350 H	55635	1.2	380	25.1	8.8			13.0
V...HT robust85C								
V 65 HT	55707	1.2	70	15.5	6.0			4.0
V 110 HT**	55711	1.2	120		5.85	14.1	25.6	6.0
V 150 HT	55715	1.2	150		5.85	14.1	25.6	6.0
V...HR powerful								
V 6 HR	55996	1.2	6.2	6.8	2.15			0.28
V 20 HR	55902	1.2	21	11.5	2.25			0.9
V 450 HR	55945	1.2	450		5.6	24.1	34.1	12.5
V 600 HR	55960	1.2	600		6.8	24.1	34.1	14.5
V...HRT powerful85C								
V 18 HRT	55802	1.2	19	11.5	2.3			0.9
V 500 HRT	55850	1.2	510		6.6	24.2	34.1	14.0
V 500 H(R)T	55750	1.2	510		6.6	24.2	34.1	14.0
V 650 HRT	55865	1.2	650		6.8	24.2	34.1	15.0

* 0° - 65°C

Not all product types are available at the time of printing.
Voltage and Capacity indicated refer to nominal and typical values respectively.

Rechargeable Cylindrical Cells (Ni-MH)

VH 700 AAA	55171	1.2	730	10.5	43.7			13.0
VH 1300 AA	55115	1.2	1340	14.4	48.2			25.0
VH 1600 AA	55119	1.2	1640	14.5	49.2			26.0
VH 1800 AA	55123	1.2	1850	14.5	49.2			27.0
VH 2050 4/5A	55021	1.2	2050	17.0	43.0			32.0
VH 2650 A	55027	1.2	2650	17.0	50.0			39.5
VH 3750 4/3A	55038	1.2	3750	17.5	67.0			53.5
VH 4400 4/3 FA	55044	1.2	4400	18.3	67.0			60.0
High Capacity Range								
VH 2100 4/5A	55118	1.2	2150	17.0	43.0			35.0
VH 2700 A	55127	1.2	2700	16.7	48.8			40.0
VH 4000 4/3A	55140	1.2	4000	17.0	67.5			55.0
VH 4500 4/3 FA	55145	1.2	4500	18.0	67.5			58.0

Rechargeable Standard Batteries (Ni-MH)

V 7/8 H	05122	8.4	180		15.7	48.5	26.6	48.0
V 6/8 H	05422	7.2	150		15.7	48.5	26.6	41.0
V 7/8 H	05522	8.4	150		15.7	48.5	26.6	47.0
V 7/8 H	05622	8.4	150		15.7	48.5	26.6	47.0
V 6/8 H	05722	7.2	175		15.7	48.5	26.6	41.0
CP 2010 H	55620	3.6	220		15.0	43.3	30.0	28.0
CP 300 H NHS	55630	3.6	300	26.0	32.0			37.0
CP 300 H NHT	55630	3.6	300		10.6	48.0	52.0	38.0

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Rechargeable Lithium Battery Range

Rechargeable Prismatic and Cylindrical Cells

Li-Polymer/Li-Ion Pouch-Types								
LPP 402025 CE	56416	3.7	150		4.3	25.5	20.5	3.7
LPP 581832 PL	56433	3.7	280		5.8	31.5	18.0	6.2
LPP 402934 E	56417	3.7	310		4.0	34.2	29.2	3.7
LPP 422339 PL	56477	3.7	380		4.1	39.5	23.5	7.5
LPP 383450 8TH	56428	3.7	830		3.85	50.0	34.0	14.3
LPP 473350 8TH	56479	3.7	970		4.7	50.0	33.0	17.1
LPP 523450 DL	56493	3.7	1000		5.4	50.5	34.5	17.0
LPP 423566 BE	56437	3.7	1160		4.2	65.4	35.0	25.0
LPP 453759 9HH	56438	3.7	1260		4.5	59.0	37.0	21.0
LPP 503562 DL	56422	3.7	1300		5.2	62.5	35.5	21.0
LPP 503759 DL	56478	3.7	1300		5.2	59.5	37.5	23.0
LPP 503759 8HH	56427	3.7	1400		5.0	59.0	37.0	23.6
LPP 454261 8TH	56426	3.7	1590		4.6	61.0	42.0	27.3
LPP 683566 BE	56432	3.7	1880		6.7	65.4	35.0	33.0
Li-Ion Can-Types								
LIP 423048 AJL	56476	3.7	720		4.5	48.0	29.8	15.1
LIP 533048 AJ	56466	3.7	740		5.3	47.8	30.0	17.0
LIP 423450 AJL	56424	3.7	880		4.5	50.0	34.2	18.0
LIP 553450 UC	56421	3.7	1050		5.5	50.0	34.0	21.0
LIP 523450 AJL	56425	3.7	1100		5.5	49.8	33.8	23.0
LIP 653450 UC	56491	3.7	1230		6.6	50.0	34.0	25.5
LIP 103450 SC	56429	3.7	2030		10.5	48.7	33.9	42.0
Li-Ion Round-Types								
LIC 18650 22C	56620	3.7	2200	18.25	65.0			46.0
LIC 18650 22L	56622	3.7	2200	18.4	65.1			48.0
LIC 18650 24AC	56624	3.7	2400	18.4	65.0			46.0
LIC 18650 26CC	56626	3.7	2600	18.4	65.0			47.0

Rechargeable Lithium-Polymer/Standard Battery Packs

EasyPack, 3.7 V									
EZPack S-3.7V	66590	711	099	610		6.0	43.7	35.6	14.0
EZPack L-3.7V	66383	711	099	1320		6.6	64.7	36.8	25.0
EZPack XL	66380	712	099	2000		11.6	64.7	56.8	46.5
EZPack XL-3.7V	66383	712	096	2640		11.6	64.7	36.8	46.5

Rechargeable Lithium Button Cells (Li-Ion)

ML 1220	65013	3.0	16.0	12.5	2.0			1.0
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PRIMARY MICRO BATTERIES

Small, in many cases invisible, microbatteries reliably supply a wide variety of devices with energy. Without microbatteries, many of the products surrounding us would only be possible in much more complex forms, if at all, and would therefore also be much more difficult to handle.

Type Designation	Type No.	Voltage (V)	Capacity (mAh)	Diameter (mm)	Height (mm)	Length (mm)	Width (mm)	Weight (g)
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Card Power Lithium Cells (Li-MnO₂)

LFP 7*	6803	3.0	7.0		0.4	9.0	29.0	0.3
LFP 25	6804	3.0	25.0		0.44	22.0	29.0	0.6

*Under preparation.

Lithium Cylindrical Cells (Li-MnO₂)

CR mass/bobbin series								
CR 1/2 AA	6127	3.0	950	14.75	25.1			11.5
CR 2/3 AA	6237	3.0	1350	14.75	33.5			15.0
CR AA	6117	3.0	2000	14.75	50.5			21.5
CR coiled series								
CR 2/3 AH	6215	3.0	1500	17.0	33.5			17.0
CR 123 A	6205	3.0	1550	17.0	34.5			17.0
CR 2	6206	3.0	850	15.6	27.0			11.0

Lithium Button Cells (Li-MnO₂)

CR 1216	6216	3.0	27	12.5	1.6			0.7
CR 1220	6220	3.0	35	12.5	2.0			0.8
CR 1616	6616	3.0	55	16.0	1.6			1.2
CR 1620	6620	3.0	70	16.0	2.0			1.2
CR 2016	6016	3.0	90	20.0	1.6			1.8
CR 2025	6025	3.0	165	20.0	2.5			2.5
CR 2032	6032	3.0	230	20.0	3.2			3.0
CR 2430	6430	3.0	280	24.5	3.0			4.0
CR 2450	6450	3.0	560	24.5	5.0			6.2
CR 1/3 N	6131	3.0	170	11.6	10.8			3.0
P 28 PXL	6231	6.0	170	13.0	25.1			8.8

Alkaline Manganese Button Cells (Zn-MnO₂)

V 10 GA	4274	1.5	50	11.6	3.05			1.1
V 12 GA	4278	1.5	70	11.6	4.2			1.35
V 13 GA	4276	1.5	125	11.6	5.4			1.8
P 23 GA	4223	12.0	50	10.3	28.5			7.5
V 625 U	4626	1.5	200	15.5	6.1			3.3

powerone Alkaline Cylindrical Cells

LR 03								
Micro/AAA/AM 4	4103	1.5	1.200	10.5	44.5			11
LR 6								
Mignon/AA/AM 3	4106	1.5	2.600	14.5	50.5			23
LR 14								
Baby/C/AM 2	4114	1.5	7.800	26.0	50.0			69
LR 20								
Mono/D/AM 1	4120	1.5	16.500	34.0	61.0			141
6 LR 61								
E-Block/6 AM 6	4122	9	550	48.5	26.5		17.5	46

Type Designation	Type No.	Voltage (V)	Capacity (mAh)	Diameter (mm)	Height (mm)	Length (mm)	Width (mm)	Weight (g)
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Silver Oxide Button Cells (Ag₂O)

V 301	301	1.55	115	11.6	4.2			1.78
V 303	303	1.55	155	11.6	5.4			2.33
V 309	309	1.55	70	7.9	5.4			1.08
V 315	315	1.55	19	7.9	1.65			0.33
V 317	317	1.55	10.5	5.8	1.6			0.18
V 319	319	1.55	21	5.8	2.7			0.29
V 321	321	1.55	14.5	6.8	1.65			0.25
V 329	329	1.55	37	7.9	3.1			0.6
V 335	335	1.55	6	5.8	1.25			0.15
V 337	337	1.55	8	4.8	1.65			0.13
V 339	339	1.55	11	6.8	1.45			0.21
V 341	341	1.55	15	7.9	1.45			0.28
V 344	344	1.55	100	11.6	3.6			1.49
V 346	346	1.55	10	7.9	1.29			0.3
V 350	350	1.55	100	11.6	3.6			1.49
V 357	357	1.55	160	11.6	5.4			2.33
V 361	361	1.55	18	7.9	2.1			0.4
V 362	362	1.55	21	7.9	2.1			0.4
V 364	364	1.55	17	6.8	2.15			0.33
V 370	370	1.55	34	9.5	2.1			0.6
V 371	371	1.55	35	9.5	2.1			0.61
V 373	373	1.55	29	9.5	1.65			0.5
V 377	377	1.55	24	6.8	2.6			0.39
V 379	379	1.55	14	5.8	2.15			0.23
V 381	381	1.55	45	11.6	2.1			0.9
V 384	384	1.55	38	7.9	3.6			0.69
V 386	386	1.55	105	11.6	4.2			1.78
V 389	389	1.55	81	11.6	3.05			1.31
V 390	390	1.55	74	11.6	3.05			1.32
V 391	391	1.55	40	11.6	2.1			0.9
V 392	392	1.55	38	7.9	3.6			0.69
V 393	393	1.55	70	7.9	5.4			1.08
V 394	394	1.55	65	9.5	3.6			1.04
V 395	395	1.55	42	9.5	2.7			0.75
V 396	396	1.55	25	7.9	2.6			0.55
V 397	397	1.55	24	7.9	2.6			0.5
V 399	399	1.55	41	9.5	2.7			0.75
V 76 PX	4075	1.55	145	11.6	5.4			2.4

Mercury-free Hg 0%

V 364 MF	20364	1.55	17	6.8	2.15			0.33
V 370 MF	20370	1.55	34	9.5	2.1			0.6
V 371 MF	20371	1.55	35	9.5	2.1			0.61
V 377 MF	20377	1.55	24	6.8	2.6			0.39
V 379 MF	20379	1.55	14	5.8	2.15			0.23
V 384 MF	20384	1.55	38	7.9	3.6			0.69
V 392 MF	20392	1.55	39	7.9	3.6			0.69
V 395 MF	20395	1.55	42	9.5	2.7			0.75
V 399 MF	20399	1.55	41	9.5	2.7			0.75

Product Portfolio

Primary Batteries					
	VARTA CardPower (Li-Polymer)		Lithium Cylindrical Cells		Zinc Air Cells
	Alkaline Batteries		Lithium Button Cells		Silver Oxide Button Cells
Rechargeable Batteries					
	Li-Polymer		Ni-MH Button Cells (V...H / HR / HT / HRT)		Cylindrical & Prismatic Li-Ion & Ni-MH Cells

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