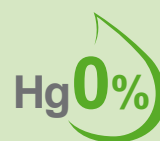




Primary Silver Oxide Button Cells

Now:
Complete core-
assortment
of mercury-free
silver oxide
button cells



VARTA Microbattery combines a unique entrepreneurial approach, strategic vision and technological competency in its state of the art battery products. Products made to meet application oriented design and innovative product development. For more information please visit our internet page www.varta-microbattery.com.

History

VARTA Microbattery provides over 30 years experience in the development and production of silver oxide button cells. Modern, fully-automated production lines help to make VARTA Microbattery's silver oxide button cells one of the most reliable, low voltage power sources in the world. Thanks to the high-level quality process, these „Made in Germany“ cells are designed using a unique innovative sealing technology which guarantees their high resistance to leakage.

Quality – Made in Germany

- Highest leakage resistance – innovative sealing technology
- Constant voltage level – fully automatic production lines
- Low self-discharge rate – highly precise production
- Long running time – highest quality raw materials

Energy solutions

As a system supplier VARTA Microbattery offers complete design packages with the development of new battery systems. Their extensive experience enables the experts of VARTA Microbattery to offer a variety of tailor-made battery solutions.

Applications

VARTA Microbattery's silver oxide cells are used in a variety of electronic applications. Their reliability and performance make them the preferred power supply for different miniature medical devices and the choice of many other OEM's.

Typical applications:

- Watches
- Medical devices
- Calculators
- Toys
- Remote controls
- Laser pointer



Product Overview

Type 1,55 V	Type No.	Capacity (mAh)	Ø (mm)	Height (mm)	Weight (g)
Standard					
V 301	301	115	11.6	4.2	1.78
V 303	303	160	11.6	5.4	2.33
V 309	309	61	7.9	5.4	1.08
V 315	315	19	7.9	1.65	0.4
V 317	317	10.5	5.8	1.6	0.18
V 319	319	21	5.8	2.66	0.28
V 321	321	14.5	6.8	1.65	0.25
V 329	329	37	7.9	3.1	0.6
V 335	335	6	5.8	1.25	0.15
V 337	337	8	4.8	1.65	0.13
V 339	339	11	6.8	1.4	0.22
V 341	341	15	7.9	1.4	0.27
V 344	344	100	11.6	3.6	1.49
V 346	346	10	7.9	1.29	0.3
V 350	350	110	11.6	3.6	1.49
V 357	357	145	11.6	5.4	2.33
V 361	361	21	7.9	2.1	0.4
V 362	362	21	7.9	2.1	0.4
V 364	364	18	6.8	2.15	0.33
V 370	370	34	9.5	2.1	0.6
V 371	371	34	9.5	2.1	0.61
V 373	373	29	9.5	1.6	1.5
V 377	377	24	6.8	2.6	0.39
V 379	379	14	5.8	2.15	0.23
V 381	381	45	11.6	2.1	0.9
V 384	384	38	7.9	3.6	0.69
V 386	386	117	11.6	4.2	1.78
V 389	389	81	11.6	3.05	1.31
V 390	390	60	11.6	3.05	1.32
V 391	391	40	11.6	2.1	0.9
V 392	392	39	7.9	3.6	0.69
V 393	393	75	7.9	5.4	1.08
V 394	394	64	9.5	3.6	1.04
V 395	395	44	9.5	2.7	0.75
V 396	396	28	7.9	2.6	0.55
V 397	397	23	7.9	2.6	0.5
V 399	399	42	9.5	2.7	0.75
V 76 PX	4075	160	11.6	5.4	2.4
High Cap					
V 357 HC	10357	180	11.6	5.4	2.33
V 362 HC	10362	25	7.9	2.1	0.4
V 364 HC	10364	20	6.8	2.15	0.33
V 371 HC	10371	41	9.5	2.1	0.61
V 379 HC	10379	15.5	5.8	2.15	0.23
V 381 HC	10381	50	11.6	2.1	0.9
V 391 HC	10391	52	11.6	2.1	0.9
V 397 HC	10397	31	7.9	2.6	0.9


Type 1,55 V	Type No.	Capacity (mAh)	Ø (mm)	Height (mm)	Weight (g)
Mercury-free					
V 301 MF	20301	95	11.6	4.2	1.78
V 303 MF	20303	160	11.6	5.4	2.33
V 309 MF	20309	70	7.9	5.4	1.08
V 315 MF	20315	23	7.9	1.65	0.4
V 317 MF	20317	12	5.8	1.6	0.18
V 319 MF	20319	24	5.8	2.66	0.28
V 321 MF	20321	16	6.8	1.65	0.25
V 329 MF	20329	42	7.9	3.1	0.6
V 337 MF	20337	9	4.8	1.65	0.13
V 357 MF	20357	145*	11.6	5.4	2.33
V 361 MF	20361	20	7.9	2.1	0.4
V 362 MF	20362	21	7.9	2.1	0.4
V 364 MF	20364	17	6.8	2.15	0.33
V 370 MF	20370	34	9.5	2.1	0.6
V 371 MF	20371	35	9.5	2.1	0.61
V 373 MF	20373	30	9.5	1.6	1.5
V 377 MF	20377	24	6.8	2.6	0.39
V 379 MF	20379	14	5.8	2.15	0.23
V 381 MF	20381	45	11.6	2.1	0.9
V 384 MF	20384	40	7.9	3.6	0.69
V 386 MF	20386	115	11.6	4.2	1.78
V 389 MF	20389	81	11.6	3.05	1.31
V 390 MF	20390	80	11.6	3.05	1.32
V 391 MF	20391	42	11.6	2.1	0.9
V 392 MF	20392	40	7.9	3.6	0.69
V 393 MF	20393	75	7.9	5.4	1.08
V 394 MF	20394	56	9.5	3.6	1.04
V 395 MF	20395	42	9.5	2.7	0.75
V 396 MF	20396	27	7.9	2.6	0.55
V 397 MF	20397	23	7.9	2.6	0.5
V 399 MF	20399	42	9.5	2.7	0.75

*available Q1 2010








Mercury-free and environment

Beginning in 2008, VARTA Microbattery has started the production of an assortment of mercury-free silver oxide button cells. This is a further milestone in the development of high performance, reliable and environment-friendly batteries.



Single cell or assembled power pack – VARTA Button Cells for every application!

Product Portfolio

Primary Batteries					
	Lithium-Manganese Cells Lithium-Thionyl-Chloride 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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