

Primary Silver Oxide
Button Cells

Empowering Independence for a Smart and High-Quality Life



<https://www.varta-ag.com/en/industry/product-solutions/silver-oxide>



VARTA

VARTA provides over 30 years experience in the development and production of silver oxide button cells. Our silver oxide button cells are one of the most reliable power sources in the world.



Key features and benefits

- High leakage resistance
- Constant voltage level
- Low self-discharge rate
- Long running time
- Comprehensive assortment
- Fully automatic production lines
- Different cell types in low- and high-drain version

Customized solutions:

As a system supplier VARTA offers high performance cell designs.

Application Examples:



- **Blood sugar indicator**
Very long lifecycles for many uses everywhere.

- **Watch (digital & analog)**

Long lifespans for the least amount of inconvenience.

- **Insulin pump**

Continuous performance for the most reliable usage.

- **Medical applications**

Best quality for all kinds of delicate use cases.

- **Smart capsule**

Long-lasting energy support for the highest reliability.

- **Calculator**

Best performance for irregular use.



- **Thermometer**

No need for numerous changes as an additional burden.

Product Overview



Silver Oxide Button Cells (Ag₂O)

TYPE DESIGNATION	TYPE NO.	VOLTAGE (V)	CAPACITY (mAh)	DIAMETER (mm)	HEIGHT (mm)	WEIGHT (g)
Mercury-free						
V 301 MF	20301	1.55	82	11.6	4.20	1.78
V 303 MF	20303	1.55	160	11.6	5.40	2.33
V 309 MF	20309	1.55	73	7.9	5.40	1.08
V 315 MF	20315	1.55	20	7.9	1.65	0.33
V 317 MF	20317	1.55	10.5	5.8	1.60	0.18
V 319 MF	20319	1.55	21	5.8	2.66	0.29
V 321 MF	20321	1.55	14.5	6.8	1.65	0.25
V 329 MF	20329	1.55	37	7.9	3.10	0.60
V 335 MF	20335	1.55	6	5.8	1.25	0.15
V 337 MF	20337	1.55	9	4.8	1.65	0.13
V 339 MF	20339	1.55	12	6.8	1.40	0.21
V 341 MF	20341	1.55	15	7.9	1.45	0.28
V 344 MF	20344	1.55	105	11.6	3.60	1.49
V 346 MF	20346	1.55	10	7.9	1.29	0.30
V 350 MF	20350	1.55	105	11.6	3.60	1.49
V 357 MF	20357	1.55	145	11.6	5.40	2.33
V 361 MF	20361	1.55	22	7.9	2.10	0.40
V 362 MF	20362	1.55	21	7.9	2.10	0.40
V 364 MF	20364	1.55	17	6.8	2.15	0.31
V 370 MF	20370	1.55	30	9.5	2.10	0.57
V 371 MF	20371	1.55	30	9.5	2.10	0.61
V 373 MF	20373	1.55	28	9.5	1.60	0.50
V 377 MF	20377	1.55	21	6.8	2.60	0.34
V 379 MF	20379	1.55	15	5.8	2.15	0.23
V 381 MF	20381	1.55	49	11.6	2.10	0.90

TYPE DESIGNATION	TYPE NO.	VOLTAGE (V)	CAPACITY (mAh)	DIAMETER (mm)	HEIGHT (mm)	WEIGHT (g)
V 384 MF	20384	1.55	37	7.9	3.60	0.69
V 386 MF	20386	1.55	115	11.6	4.20	1.78
V 389 MF	20389	1.55	81	11.6	3.05	1.31
V 390 MF	20390	1.55	59	11.6	3.05	1.32
V 391 MF	20391	1.55	42	11.6	2.10	0.90
V 392 MF	20392	1.55	40	7.9	3.60	0.69
V 393 MF	20393	1.55	77	7.9	5.40	1.08
V 394 MF	20394	1.55	58	9.5	3.60	1.04
V 395 MF	20395	1.55	38	9.5	2.70	0.68
V 396 MF	20396	1.55	32	7.9	2.60	0.55
V 397 MF	20397	1.55	23	7.9	2.60	0.50
V 399 MF	20399	1.55	42	9.5	2.70	0.75

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Representations and distributors in all major countries and regions worldwide.
Please see webpage.



www.varta-ag.com/youtube/li-ionµbatteries



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