THE POWER OF VARTA BUILT TO RIDE.



For all Powersports applications.

It all starts with VARTA BY CLARIOS

POWERSPORTS MARKET TRENDS.

1. Rising demand for ready-to-use AGM products.

Modern vehicle designs demand maintenance-free batteries that fit in tight spaces and difficult angles (e.g., 90° mounting under the tank) – making factory-activated AGM technology the preferred solution. Vehicle manufacturer and workshops shift toward sealed, ready-to-use options that simplify handling and save time.

2. Environmental regulations accelerate the shift.

EU regulation 2019/1148 banning the sale of separate acid packs has changed the Powersports landscape. For the end-consumer batteries must now be fully sealed and compliant out of the box, pushing the market decisively toward factory-activated solutions that eliminate acid handling.

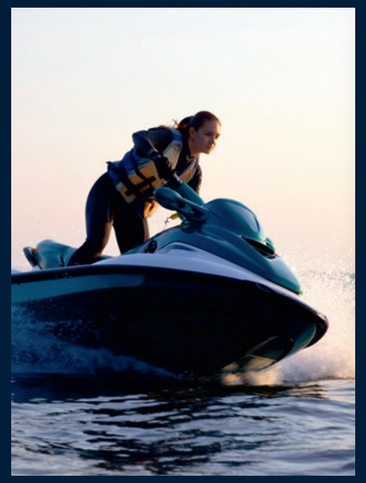
3. Visual clarity in a diverse market.

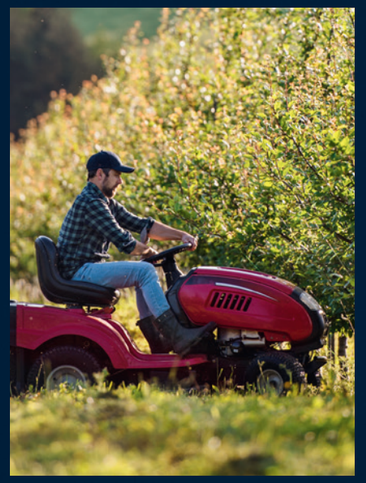
With the customer journey increasingly shifting to digital channels, many target groups struggle to identify the right solution due to the overwhelming number of visually similar battery brands and technologies. Both wholesalers and consumers need to easily differentiate products without in-depth battery knowledge.

4. One VARTA battery range, many applications.

Powersports batteries are not just for motorcycles. With increasing use in ATVs, jet-skis, ride-on mowers, and more, today's market demands versatile battery solutions that can cover multiple applications.



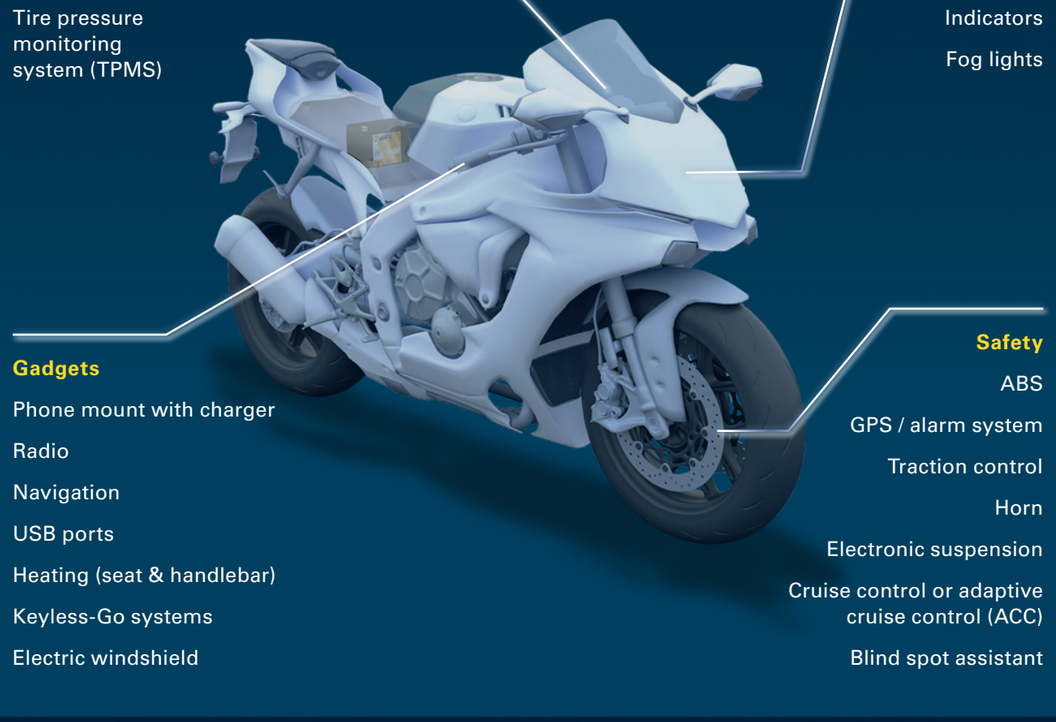




ELECTRICAL DEVICES IN POWERSPORTS APPLICATIONS.

High energy demands call for high performance.

In modern Powersports applications, batteries play a critical role in powering key electrical devices – from basic lighting and gauges to advanced safety and comfort features. Reliable power is also essential to operate components like ABS, traction control, navigation systems, heated grips, or USB ports. Given the dynamic riding conditions and compact vehicle design, a robust and maintenance-free battery is crucial for ensuring consistent performance and rider safety.



Overview

VARTA POWERSPORTS RANGE OVERVIEW.

The right choice for every application.

No matter what kind of vehicle you plan to ride, we have the right battery to power it. VARTA Powersports batteries can help you get the most from your ride of choice, whether it's a motorcycle, ATV, UTV, Jet-Ski, quad, snowmobile, scooter or lawn mower.

Battery Finder.
Scan the code to find the right Powersports battery for your application.

		Maintenance free	Delivery condition	Cycle Life	Mounting angle	Vibration resistant	Starting power	Application	Shelf care
	**AGM Active**			3x MORE CYCLE LIFE				 High-performance motorcycles and powersports applications	Recharge
	**AGM**			3x MORE CYCLE LIFE				 Advanced motorcycles and powersports applications	No recharge before filling required
	**SLI Freshpack**	water refilling						 Basic 2-wheelers & older **motorcycles**	No recharge before filling required
	**SLI Gardening**							 Ride-on-mowers	Recharge

VARTA Powersports for motorcycles

THE POWER THAT DRIVES YOUR PASSION.

VARTA Powersports batteries give you the freedom to ride without limits.



VARTA POWERSPORTS AGM ACTIVE.

Factory activated and ready to use with highest performance.

VARTA Powersports AGM Active batteries are built to perform – wherever the adventure takes you. Engineered for the most advanced motorcycles, scooters, quads, ATVs, UTVs, jet-skis, and snow-mobiles, they deliver outstanding power and reliability even in the toughest environments. With 3x longer cycle life and the highest starting power compared to conventional batteries, you get the performance and endurance your vehicle demands.

Ready to use and built to last, factory-activated and maintenance-free: These batteries come fully charged and are mountable at angles up to 90°, offering ultimate installation flexibility. Low self-discharge and a rugged construction ensure lasting reliability on every ride.



Ready to use

3x cycle life

Very flexible mounting – up to 90°

Highest vibration resistance

Highest starting power

Maintenance-free

VARTA Powersports AGM Active – 12 Volt

VARTA Code	Short code	Overall dimensions (mm)			Layout	Capacity 10hr (Ah)	CCA (-18 °C) (A)	Terminal
... K54 2/ ... K69 2		L	W	H				
503 909 005	TX4L (FA)	113	70	87		3	50	Y4
504 909 008	TX5L (FA)	113	70	105		4	75	Y4
506 909 010	TZ7S (FA)	113	70	105		6	100	Y11
506 909 011	TX7A (FA)	150	87	95		6	105	Y4
506 919 010	TX7L (FA)	113	70	130		6	100	Y4
506 929 009	T7B (FA)	150	66	93		6.5	85	Y11
508 909 012	T9B (FA)	150	70	105		8	115	Y11
508 909 014	TX9 (FA)	151	87	106		8	135	Y4
508 909 015	TZ10S (FA)	150	87	93		8.6	150	Y11
509 909 010	TB9 (FA)	135	75	139		9	100	Y11
510 909 012	B10L (FA)	133	90	142		10	120	Y11
510 909 015	T12A (FA)	150	88	105		10	145	Y11
510 919 016	T12B (FA)	150	70	130		10	160	Y11
510 909 017	TX12 (FA)	150	87	130		10	170	Y4
511 909 021	TZ12S (FA)	150	87	110		11	210	Y11
511 909 022	TZ14S (FA)	150	87	110		11.2	220	Y11
512 909 013	B12AL (FA)	134	81	160		12	125	Y6
512 919 013	B12A(FA)	134	81	160		12	125	Y6
512 909 020	TX14 (FA)	150	87	146		12	200	Y4
512 909 021	TX14AH (FA)	133	90	164		12	210	Y4
512 919 021	TX14AHL (FA)	133	90	164		12	210	Y4
516 909 024	TX14H (FA)	150	88.5	145		16	240	Y14
518 909 022	T19BL (FA)	186	82	171		18	220	Y10
518 909 027	TX20L (FA)	175	87	154		18	270	Y4
518 909 031	TX20H (FA)	176	89	154		18	310	Y14
518 919 031	TX20HL (FA)	176	89	154		18	310	Y14
521 909 033	TX24 HL (FA)	205	87	162		21	330	Y11
530 909 030	53030 (FA)	184	124	170		30	300	Y10
530 909 039	TX30L (FA)	166	126	173		30	385	Y11

VARTA POWERSPORTS AGM.

Maximum power, even in extreme conditions.

VARTA Powersports AGM batteries are engineered for riders who demand more. Built to perform in tough environments, they are ideal for motorcycles, scooters, and quads with higher energy needs. These batteries deliver powerful starting performance and 3x longer cycle life compared to conventional alternatives – for reliability that lasts.

Advanced AGM technology for greater flexibility and performance: Thanks to their absorbent glass mat construction, VARTA AGM batteries can be installed at angles of up to 25°, making them ideal for challenging mounting positions.

VARTA AGM batteries are filled and activated professionally by the dealer. Separate acid packs are not for distribution to private consumers.



- 3x cycle life
- Flexible mounting – up to 25°
- High vibration resistance
- Highest starting power
- Maintenance-free
- Acid package included

VARTA Powersports AGM – 12 Volt

VARTA Code	Short code	Overall dimensions (mm)			Layout	Capacity 10hr (Ah)	CCA (-18 °C) (A)	Terminal
... K54 4/ ... K69 4		L	W	H				
502 903 003	TR4A-BS	114	49	86	⊣	2.3	30	Y12
503 014 004	T4L-4 | T4L-BS	114	71	86	− +	3	40	Y5
504 012 008	TX5L-4 | TX5L-BS	114	71	106	− +	4	80	Y5
505 902 012	TZ7S-4 | TZ7S-BS	113	70	105	− +	5	120	Y5
506 014 010	TX7L-4 | TX7L-BS	114	71	131	− +	6	100	Y5
506 015 011	TX7A-4 | TX7A-BS	151	88	94	+ −	6	105	Y5
507 901 012	T7B-4 | T7B-BS	150	66	94	+ −	7	120	Y11
508 012 014	TX9-4 | TX9-BS	152	88	106	+ −	8	135	Y5
508 901 015	TZ10S-4 | TZ10S-BS	150	87	93	+ −	8	150	Y11
508 902 012	T9B-4 | T9B-BS	149	70	105	+ −	8	115	Y11
509 901 020	TZ12S-4 | TZ12S-BS	150	87	110	+ −	9	200	Y11
510 012 015	TX12-4 | TX12-BS	152	88	131	+ −	10	150	Y5
511 901 016	T12A-4 | T12A-BS	150	88	105	+ −	11	160	Y5
510 901 016	T12B-4 | T12B-BS	151	70	131	+ −	10	160	Y11
511 902 023	TZ14S-4 | TZ14S-BS	150	87	110	+ −	11	230	Y11
512 014 020	TX14-4 | TX14-BS	152	88	147	+ −	12	200	Y5
512 905 020	TX14L-BS	150	87	146	− +	12	200	Y4
512 903 019	T14B-4 | T14B-BS	152	70	145	+ −	12	190	Y11
514 901 021	TX16-4-1 | TX16-BS-1	150	87	161	+ −	14	210	Y1
514 902 021	TX16-4 | TX16-BS	150	87	161	+ −	14	210	Y4
518 902 025	TX20-4 | TX20-BS	177	88	156	+ −	18	250	Y4
518 901 025	TX20L-4 | TX20L-BS	177	88	156	− +	18	250	Y4
518 908 027	TX20CH-BS	150	87	161	+ −	18	270	Y4
530 905 045	TX30L-BS	166	127	175	− +	30	450	Y4

VARTA Powersports for quads

SUPERB PERFORMANCE ON ANY TERRAIN.

VARTA Powersports batteries have the strength to deal even with extreme conditions.



VARTA POWERSPORTS SLI FRESHPACK.

Reliable starts and lasting performance – the best choice for year-round power.

VARTA Powersports SLI Freshpack batteries deliver dependable power – ride after ride. Built for consistent performance, they provide reliable starting and solid durability, making them an efficient choice for year-round use. Whether in hot or cold weather, these batteries ensure confident ignition.

VARTA SLI Freshpack batteries are filled and activated professionally by the dealer. Separate acid packs are not for distribution to private consumers.



Reliable starting power

Standard vibration resistance

Upright mounting

Acid package included

VARTA Powersports SLI Freshpack – 12 Volt

VARTA Code	Short code	Overall dimensions (mm)			Layout, venting	Capacity 10hr (Ah)	CCA (-18 °C) (A)	Terminal
... K54 4/ ... K69 4		L	W	H				
503 012 003	B3L-A	100	58	112		3	30	Y6
503 013 003	B3L-B	100	58	112		3	30	Y6
504 011 005	B4L-B	121	71	93		4	50	Y5
505 012 006	12N5-3B | B5L-B	121	61	131		5	60	Y6
506 011 006	12N5.5-3B	136	61	131		5.5	55	Y6
507 012 007	12N7-3B | B7L-B	136	76	134		7	74	Y6
507 013 007	12N7-4A	136	75	133		7	74	Y6
508 013 011	B7-A	137	76	134		8	110	Y6
509 014 009	12N9-4B-1 | B9-B	136	76	139		9	85	Y6
509 015 009	12N9-3B | B9L-B	136	76	140		9	85	Y6
509 016 013	B9L-A2	135	75	139		9	130	Y2
511 012 015	12N10-3A | 12N10-3A-1 12N10-3A-2 | B10L-A2	136	91	146		11	150	Y8
511 013 015	12N10-3B | B10L-B B10L-B2	136	91	146		11	150	Y6
512 011 016	12N12A-4A-1 | B12A-A	136	82	161		12	160	Y6
512 015 016	B12A-B	136	82	162		12	160	Y6
512 013 016	B12AL-A | B12AL-A2	136	82	161		12	160	Y6
514 011 019	12N14-3A | B14L-A2	136	91	166		14	190	Y8
514 012 019	B14-A2	136	91	166		14	190	Y8
514 013 019	B14L-B2	136	91	166		14	190	Y8
514 014 019	B14-B2	134	89	166		14	190	Y8
514 401 019	B14A-A2	135	90	177		14	190	Y8
516 015 020	B16B-A | B16B-A1	158	89	162		16	200	Y4
516 016 018	B16AL-A2	205	72	164		16	180	Y2
518 014 024	51814 | 12C16A-3B	186	82	171		18 (20hr)	240	Y10
518 015 020	B18L-A	181	92	164		18	200	Y7
519 011 024	B16L-B	176	101	156		19	240	Y6
519 012 024	B16-B	176	101	156		19	240	Y6
519 013 024	51913 | 12C16A-3A	186	82	171		19 (20hr)	240	Y10
519 014 024	B16CL-B	176	101	176		19	240	Y5
520 012 026	50-N18L-A | 0-N18L-A2	207	92	164		20	260	Y7
524 100 020	12N24-3	186	125	178		24	200	Y3
524 101 020	12N24-4	186	125	178		24	200	Y3
525 015 030	52515 | 60-N24L-A	184	124	170		25 (20hr)	300	Y10
530 030 030	53030 | 60-N30L-B	186	130	171		30 (20hr)	300	Y10
530 034 030	53034 | 60-N30-B	186	130	171		30 (20hr)	300	Y10
530 400 030	B30L-B	165	132	176		30	300	Y4

VARTA Powersports SLI Freshpack – 6 Volt

004 014 001	6N4-2A-2 | 6N4-2A-4 6N4-2A-7 | 6N4A-2A-4	71	71	96		4	10	K30
006 012 003	6N6-3B-1	100	57	110		6	30	Y6
008 011 004	B49-6	91	83	161		8	40	Y6
011 014 008	6N11A-3A	122	61	131		11	80	Y6

VARTA Powersports SLI Gardening

VARTA POWERSPORTS SLI GARDENING.

Superb endurance even on large lawns.

VARTA Powersports SLI Gardening batteries are designed specially for ride-on mowers. They feature specific battery terminals for a perfect fit and very high starting performance. Built to deliver strong starts and robust durability, VARTA Powersports SLI Gardening batteries perform reliably – every season.



Highest starting power

Specially designed for mowers

Standard vibration resistance

Upright mounting

Maintenance-free

VARTA Powersports SLI Gardening – 12 Volt

VARTA Code	Short code	Overall dimensions (mm)			Layout	Capacity 20hr (Ah)	CCA (-18 °C) (A)	Terminal
		L	W	H				
... K54 4/ ... K69 4								
523 450 030	U1	196	132	185		23	300	Y14
523 451 030	U1R	196	132	185		23	300	Y14

Battery Cross Reference Chart – 12 Volt

AGM Active	AGM	SLI Freshpack	SLI Freshpack
–	TR4A-BS	–	–
–	–	B3L-B	B3L-A
TX4L (FA)	T4L-4 | T4L-BS	B4L-B	–
TX5L (FA)	TX5L-4 | TX5L-BS	–	–
–	–	12N5-3B | B5L-B	–
–	–	12N5.5-3B	–
TZ7S (FA)	TZ7S-4 | TZ7S-BS	–	–
TX7L (FA)	TX7L-4 | TX7L-BS	–	–
TX7A (FA)	TX7A-4 | TX7A-BS	–	–
T7B (FA)	T7B-4 | T7B-BS	–	–
–	–	12N7-4A	B7-A
–	–	12N7-3B | B7L-B	–
T9B (FA)	T9B-4 | T9B-BS	–	–
TX9 (FA)	TX9-4 | TX9-BS	–	–
TZ10S (FA)	TZ10S-4 | TZ10S-BS	–	–
TB9 (FA)	–	12N9-4B-1 | B9-B	–
–	–	12N9-3B | B9L-B	B9L-A2
B10L (FA)	–	12N10-3B | B10L-B | B10L-B2	12N10-3A | 12N10-3A-1 12N10-3A-2 | B10L-A2
T12A (FA)	T12A-4 | T12A-BS	–	–
T12B (FA)	T12B-4 | T12B-BS	–	–
TX12 (FA)	TX12-4 | TX12-BS	–	–
TZ12S (FA)	TZ12S-4 | TZ12S-BS	–	–
TZ14S (FA)	TZ14S-4 | TZ14S-BS	–	–
B12A (FA)	–	B12A-B	12N12A-4A-1 | B12A-A
B12AL (FA)	–	B12AL-A | B12AL-A2	–
TX14 (FA)	TX14-4 | TX14-BS	–	–
–	TX14L-BS	–	–
–	T14B-4 | T14B-BS	–	–
TX14AH (FA)	–	B14-B2	B14-A2
TX14AHL (FA)	–	B14L-B2	12N14-3A | B14L-A2
–	TX16-4 | TX16-BS	B16B-A | B16B-A1	–
–	TX16-4-1 | TX16-BS-1	–	–
–	–	B16AL-A2	–
TX14H (FA)	–	–	–
T19BL (FA)	–	51814 | 12C16A-3B	51913 | 12C16A-3A
TX20L (FA)	–	B18L-A	–
TX20H (FA)	TX20-4 | TX20-BS	–	–
TX20HL (FA)	TX20L-4 | TX20L-BS	–	–
–	TX20CH-BS	–	–
–	–	B16-B	–
–	–	B16L-B	–
–	–	B16CL-B	–
–	–	50-N18L-A | 50-N18L-A2	–
TX24HL (FA)	–	–	–
–	–	U1	–
–	–	U1R	–
TX30L (FA)	TX30L-BS	B30L-B	–
53030 (FA)	–	53030 | 60-N30L-B	52515 | 60-N24L-A
–	–	53034 | 60-N30-B	12N24-4
–	–	–	12N24-3

Terminal Types

Terminal	Front	Side	Top
Y1			
Y2			
Y3			
Y4			
Y5			
Y6			
Y7			
Y8			
Y9			
Y10			
Y11			
Y12			
Y13			
Y14			

Cable Connections

K30	– +	Cable with connector and safety retainer for pos. terminal, cable with connector for neg. terminal

IT'S EASY TO FILL A POWERSPORTS BATTERY.

Information for professionals.

VARTA Powersports AGM and SLI are shipped dry charged with separate acid containers. They must be filled and activated by the dealer. Acid containers are not meant for distribution to private consumers.
For safety, always wear protective gloves when filling the battery (EU regulation 2019/1148).



Preparing the battery

AGM: Remove the sealing strip.

SLI: Remove all plugs on top and the red vent plug on the side.



AGM: Preparing the acid pack

Take the acid pack out of the plastic bag. Remove the sealing cap strips and set aside for later use. Do not remove or pierce the acid holder seals!



SLI: Preparing the acid bottle

Carefully cut off the acid bottle's nozzle, leaving a minimum nozzle height of 10 mm. Attach the red filling tube firmly onto the nozzle of the acid bottle.



AGM: Filling the battery

Press the acid pack firmly downwards to pierce the seals – the acid will automatically start to flow into the battery. Make sure the pack is not tilted and fully empty before removing.



SLI: Filling the battery

Slowly fill the battery with acid, ensuring that all chambers are filled individually and evenly up to the upper level mark.



Sealing the battery

AGM: Evenly press the sealing cap strip downwards. Do not remove the sealing cap strip.

SLI: Completely seal the battery using the plugs. Do not re-insert the red vent plug for degassing!



Almost done

After filling, gently rock the battery to prevent air bubbles between the plates. Wait for at least 30 minutes, then perform the mandatory first charge (SLI & AGM) to ensure the battery performance.

SLI: After the first charging cycle, inspect the electrolyte level. If it has decreased, refill the battery with acid up to the upper level, then repeat the charging process.



READY 2USE

Note: AGM Active batteries do not need to be activated, a voltage check will suffice.

VARTA POWERSPORTS STORAGE AND BATTERY CARE TIPS.

How to get the most from your battery.

Incorrect storage and care are two of the main causes of malfunction in any Powersports battery. As the battery discharges, sulphates are released, which can lead to corrosion, damage and reduced performance over time. Correct storage, regular voltage checks and proper charging help keep the battery reliable, extend its service life and give you peace of mind every time you ride.

Optimal Storage Conditions:

- Store batteries in a dry environment at 15 – 20°C.
- Avoid direct sunlight to prevent UV damage to the battery housing.
- Keep batteries fully charged and recharge them if voltage drops below 12.35 V.
- Follow the FIFO principle: First In, First Out.
- Dry-charged batteries offer a longer shelf life.

Voltage	State of charge	Action required
>12.5 Volt		No action necessary
<12.5 Volt		No action necessary
<12.35 Volt		Battery needs to be charged

Battery Care Tips:

Recharge in time
- Check the battery voltage regularly during storage.
- Recharge the battery if voltage drops below 12.35 V.

Use a motorcycle charger
- Use a suitable motorcycle battery charger.
- The charging current should be around 10% of the Ah capacity.

Keep it clean and secure
- Keep terminals and connections clean.
- Make sure the battery is properly fixed in the battery tray.

Maintenance, if applicable
- AGM Active, AGM and SLI Gardening batteries are maintenance-free.
- For SLI Freshpack batteries, refill distilled water when needed.

Winter-ready: remove and charge
- Remove the battery from the motorcycle and store it fully charged in a cool, dry place.
- Check the voltage regularly and recharge when required.

Designed for every application.

From standard to high energy demands, the VARTA Powersports battery range provides reliable starting power, exceptional energy supply and a robust construction to withstand vibrations.

Powersports technology at a glance.

1 Battery terminal
2 Cell connectors
3 Specialised grid design
4 Label – color-coded by technology
5 Extra-strong casing and lid material
6 Integral flame arrestors
7 Absorbent Glass Mat (AGM)







VARTA SERVICES.

The power is in your know-how.

THE POWER TO MAKE YOUR BUSINESS EVEN MORE PROFESSIONAL.

VARTA can help you run a more successful battery business. Become our partner today and profit from our knowledge all around the battery. From installation time and battery fitting instructions to maintenance tips and cost optimization of your battery.

In 2030, more than 50 % of new registrations are expected to be electric vehicles. Gradually, these are also coming into the aftermarket workshops, which must be prepared to service electric vehicles in the same way as classic combustion engine vehicles.

To support workshops and fleet operators in today's challenges and the ones that lie ahead, we have created a range of tools and services – increasing efficiency and keeping time and costs to a minimum.

The VARTA Partner Portal is our one-stop platform uniting all car and commercial vehicle services. It is home to the VARTA Battery Test-Check Program, the TCO Calculator and the VARTA Training Academy – just a few of the Partner Portal's many offerings.

VARTA® SERVICES

VARTA PARTNER PORTAL

VARTA BATTERY TEST-CHECK PROGRAM

VARTA TRAINING ACADEMY

REGISTER NOW!
www.varta-automotive.com/partner-portal

VARTA – POWERED BY CLARIOS.

Powering performance and possibility.

Clarios is the world's largest, most technologically advanced and responsible low-voltage battery manufacturer, with a 130-year legacy of innovation and growth. Our mission is to create the world's best batteries, essential for the evolving future of mobility.

As the technology force behind the VARTA brand, Clarios remains committed to our role as a technology and sustainability leader, providing leading premium products, an unmatched circular supply chain and customer-focused solutions that drive progress.

System-level expertise for tomorrow's mobility.

Beyond the battery
Clarios brings deep expertise across the low-voltage energy system, looking at how batteries interact with modern vehicle architectures and future energy demands.

Future-ready technology
With the Clarios Power Management System, we integrate energy generation, storage and intelligent control to support the requirements of tomorrow's vehicle architectures.

Developed with leading OEMs
Technologies and energy systems are engineered in close collaboration with automotive manufacturers, reflecting real-world vehicle needs and proven development competence.

The Clarios Advantage
With decades of engineering experience and OEM-level credibility, Clarios supports increasingly complex low-voltage architectures and reinforces trust in the future capability of the VARTA brand.

POWERING 1 IN 3
vehicles worldwide

Reliable availability you can depend on.

Strong regional network across EMEA

- With 17 strategic locations across EMEA, Clarios ensure a balanced regional footprint.
- Two production networks and four distribution centers keep supply close to customers and support market flexibility.
- A diversified footprint reduces reliance on any single location, strengthening regional resilience.

Built for resilience

- An expanding recycling footprint complements the manufacturing and distribution network.
- The expansion in 2026 from 2 to 5 recycling facilities strengthens vertical integration and increases access to essential minerals.
- A broader recycling network enhances supply chain resilience through greater availability of recovered materials.

6 OUT OF 10
new cars in Europe
are equipped with a Clarios battery



Clarios EMEA footprint.

- Battery Assembly
- Component Plants
- Lithium Ion
- Recycling Center

Confidence in a complex regulatory environment.

From regulation to confidence.
Clarios helps customers navigate evolving battery regulations through transparent information, responsible sourcing and established compliance processes.

Built on responsible business practices.
Strong governance, industrial scale and a continued focus on circularity make Clarios a reliable partner for the changes ahead.

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