

# THE POWER OF VARTA® BUILT TO PERFORM.



For Automotive  
applications.

It all starts with  **VARTA**  
BY CLARIOS

# NEW PRODUCTS. NEW COLOR CODE. NEW TECHNOLOGY.

Powered by the Original.



Wherever your journey may take you, VARTA® batteries are there along the way, giving you the power you need. Today, you'll find our batteries in millions of cars, trucks, boats and motorhomes.

To meet the challenges of a rapidly changing automotive market appropriately, VARTA has revised the entire product range.

The new VARTA product portfolio is designed to cater to present demands while boldly embracing the trends of tomorrow.

VARTA batteries provide longer life, less corrosion and lower cost of ownership – qualities you'll find in all our products.

# VARTA® POWER RE-IMAGINED.

## The new VARTA product portfolio.

### New color code for easy differentiation.

The new label colors give a clear differentiation between the technologies. This supports the target groups in differentiating and identifying the right technology for the right application quickly.

Next to the color code, the VARTA logo, technology, short code, and capacity are highlighted prominently optimizing the customer journey at all touch points.



## New battery types for even more vehicle coverage.

New battery types are introduced to cover new vehicle types and prepare the IAM for the latest vehicles from OE manufacturers.



**Automotive**  
AGM H3 and EFB H9  
(2025)

**Heavy Commercial**  
EFB A-type (2025) and  
AGM B-type (2025)

**Leisure**  
Li-Ion product portfolio  
(2025)

## Streamlined range for improved customer guidance.

The new VARTA product portfolio is streamlined and clearly structured by technologies to support the IAM to remain competitive and future-ready.

### Automotive



Black Dynamic, Blue Dynamic + Silver Dynamic

**SLI**

### Heavy Commercial



Super Heavy Duty + Heavy Duty

**SLI**

# VARTA® MOVES YOU.

Always the best battery choice.



Engineered in Germany, VARTA batteries are designed to deliver optimal power and longevity for every kind of car. Whether you need batteries for standard vehicles, highly equipped cars with Start-Stop systems or any kind of electric vehicle – VARTA offers the right technology for every energy demand. By choosing VARTA batteries, you can be assured of reliable

precision technology that delivers best-in-class manufacturing quality.

The improved VARTA Dynamic portfolio is driven by the perfect fit of the right product technology for the right application – clearly structured and expandable for a fast-changing market.

**THE RIGHT LEVEL  
OF POWER AND LONGEVITY  
FOR EVERY KIND OF CAR.**

# VARTA® DYNAMIC AGM.

**MADE FOR START-STOP.  
READY FOR xEVs.**

## The Start-Stop benchmark – ready for electric vehicles.

The VARTA Dynamic AGM (Absorbent Glass Mat) stands for unparalleled performance. It is the perfect choice for the highest energy demands – whether for powering well equipped vehicles with Start-Stop technology or supporting the 12V electrical system of xEVs.

6 out of 10 new cars (including xEVs) in Europe are equipped with a Clarios battery, underlining VARTA's leadership as a trusted OE supplier. They are made in Germany to the highest manufacturing standards in the world's largest AGM plant.

The sturdy construction and inherent safety make them a trusty and robust power source for reliable starting, crucial safety systems, comfort features, and fuel-saving functions.



**3x MORE  
CYCLE LIFE**



PowerFrame®  
Grid



Best performance  
for highest  
energy demands



Original  
Spare Part



Made in  
Germany



Maintenance-free

# VARTA® DYNAMIC EFB.

## For superior power needs.

Entry level Start-Stop systems are usually equipped with an EFB (Enhanced Flooded Battery). The VARTA Dynamic EFB is an exact “like-for-like” replacement choice. It fits vehicles with higher-than-normal energy demands. So, if you’re looking for a battery with extended cycle life compared to a conventional battery, the VARTA Dynamic EFB is the right choice.



**2x** MORE  
CYCLE LIFE



PowerFrame®  
Grid



Reliable  
performance for  
demanding  
applications



Original  
Spare Part



Engineered in  
Germany



Maintenance-free

# VARTA® DYNAMIC SLI.

## The perfect choice for conventional cars.

Flooded lead-acid batteries are often referred to as SLI, named after what used to be the battery's main purpose in a car: Starting, Lighting, Ignition. Whether you're looking for the best in standard batteries, a safe, long-lasting battery, or you just want the most premium power possible, the VARTA Dynamic SLI batteries will meet your needs.



PowerFrame®  
Grid



Reliable power



Original  
Spare Part



Engineered in  
Germany



Maintenance-free

# ELECTROMOBILITY ON THE MOVE.

## Electrification continues to become more and more important.

The EU has defined tough CO<sub>2</sub> emission reduction targets, which affects all vehicle manufacturers and impacts the way drivetrains are designed. The upcoming prohibition of combustion engines by 2035 further pushes electrification. Today, e-mobility comes in different

forms of technology, like hybrid, full battery or fuel cells. As a result, the traditional 12-volt lead-acid battery is taking on a new and challenging responsibility as a critical source of power across the evolving range of electric vehicles.

## The challenges of a changing market.

- » 14% of battery electric vehicles are older than five years\* which leads to more BEVs entering workshops.
- » The 12V battery is still the main reason for car breakdowns, also in electric vehicles.\*\*
- » Over-the-Air (OTA) Updates of the infotainment system can discharge the battery when the car is not in use.
- » The 12V battery is a significant part of electric vehicles. In case of a defect the car will not open or start.
- » An xEV's 12V battery needs robustness at partial state of charge, high charge acceptance and high cycling stability – the energy demand is equivalent to those of high-end Start-Stop systems.

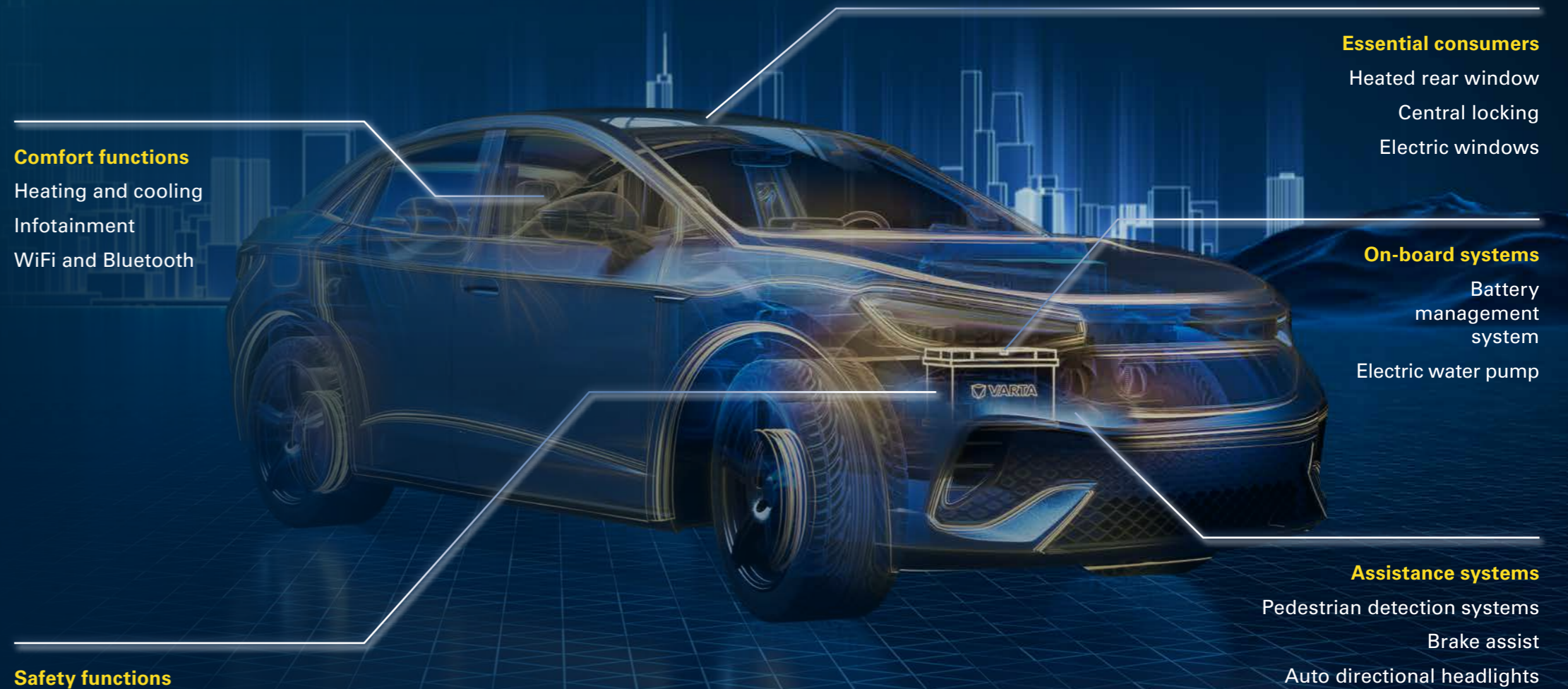
\* IHS carpark data  
\*\* ADAC breakdown statistics

# POWERING FUTURE TECHNOLOGY.

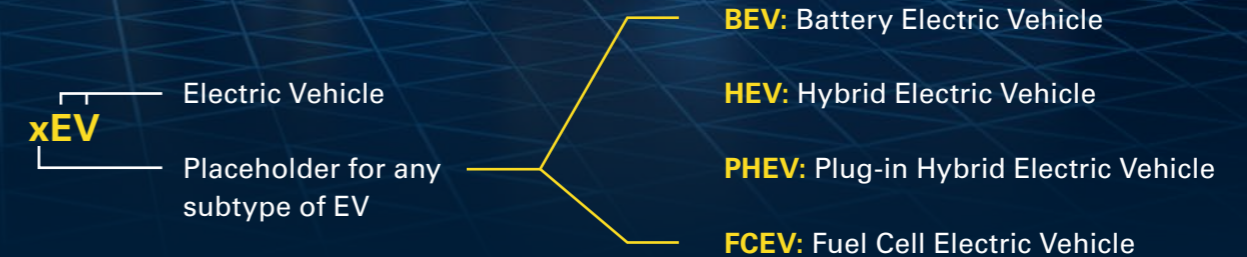
## The role of 12V batteries in electric vehicles.

Electric vehicles require two interdependent batteries: a high-voltage battery that powers the drivetrain, and an advanced 12V battery that handles key-off loads. It plays a critical role

in supporting the car's electrical network, powering everything from heated seats and infotainment systems to safety features like brake boosters and pedestrian detection systems.



## Electric vehicle terminology



# MORE SUSTAINABILITY THE VARTA® WAY.

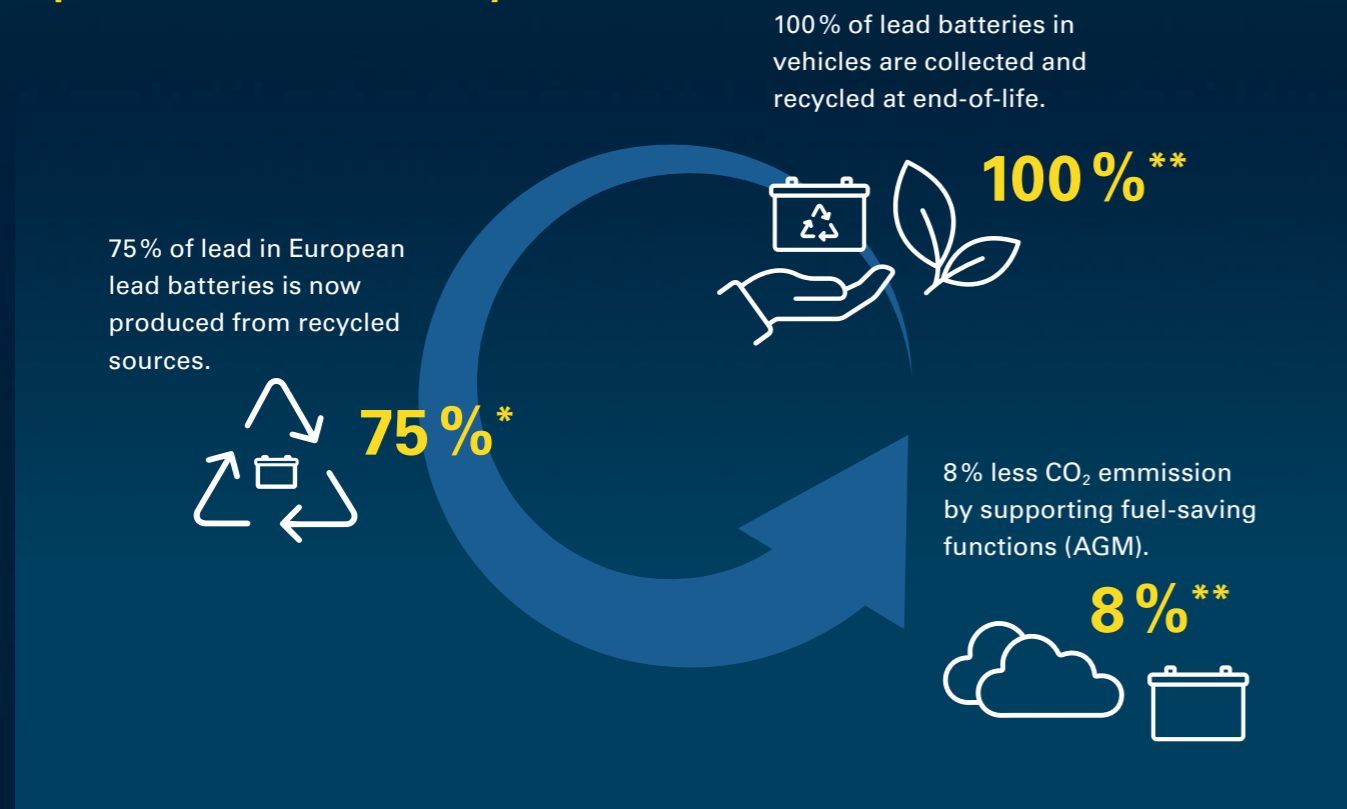
## Taking responsibility in everything we do.

VARTA is a part of Clarios – the world’s leading battery manufacturer. Our dedication to sustainability is evident by our innovations in advanced battery technology as well as our recycling efforts. VARTA brand products can help customers save energy, reduce pollution and fuel consumption, and even better the working conditions of their employees.

## Profiting from over 20 years of experience.

We have developed a collection system that enables a closed recycling loop. As a result, 100 % of lead batteries from vehicles in Europe are collected and recycled. The entire production is designed to be as environmentally friendly as possible. Our sustainability managers frequently run trainings for all employees and encourage them to contribute their ideas for improvement. The result: 25% less energy and 35% less water used in the making of our batteries.

## A perfect circular economy.



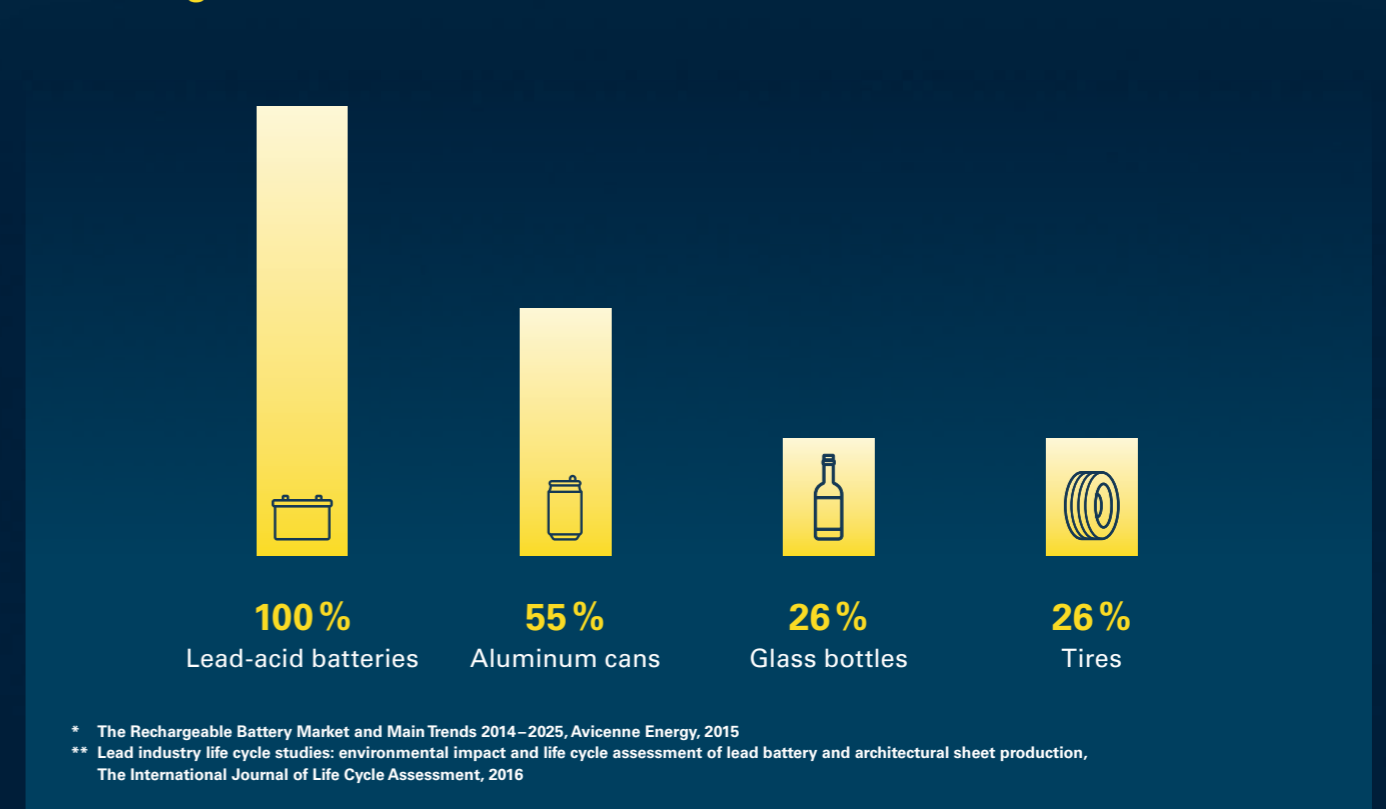
## The Original. Made in Germany.

Our European production plant in Hannover is based in central Germany, requiring less transport and therefore less emissions and less fuel. Clarios guarantees the highest production standards, fair working conditions and a maximum level of occupational health and safety in all our production and battery recycling sites.

## Leading the way in lead-acid battery recycling.

Innovative and technologically advanced manufacturing processes allow for each component inside a VARTA battery to be made from recycled materials – whether it’s the case, the grid or the electrolyte. After all, lead batteries are the most recycled consumer product in the world.

## Percentage of contained material to be used:





# 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 VARTA Fleet Program and the VARTA Training Academy – just a few of the Partner Portal's many offerings.



VARTA® PARTNER PORTAL



VARTA® BATTERY TEST-CHECK PROGRAM



VARTA® TRAINING ACADEMY



REGISTER NOW!  
[www.varta-partner-portal.com](http://www.varta-partner-portal.com)

# VARTA® PARTNER PORTAL.

## The power is in your know-how.

You can now find all VARTA services under one roof. The VARTA Partner Portal supports workshops and end customers with all questions regarding batteries. Regular updates leading to a coverage of 99% of the carpark of

conventional vehicles as well as for the xEV carpark. Furthermore, it supplies you with in-depth battery knowledge and offers online trainings to verify your knowledge.

### » Battery Finder

If you need to find the right battery for a specific vehicle, its exact location or detailed installation instructions, the completely redesigned and optimized Battery Finder is for you!

### » Battery World

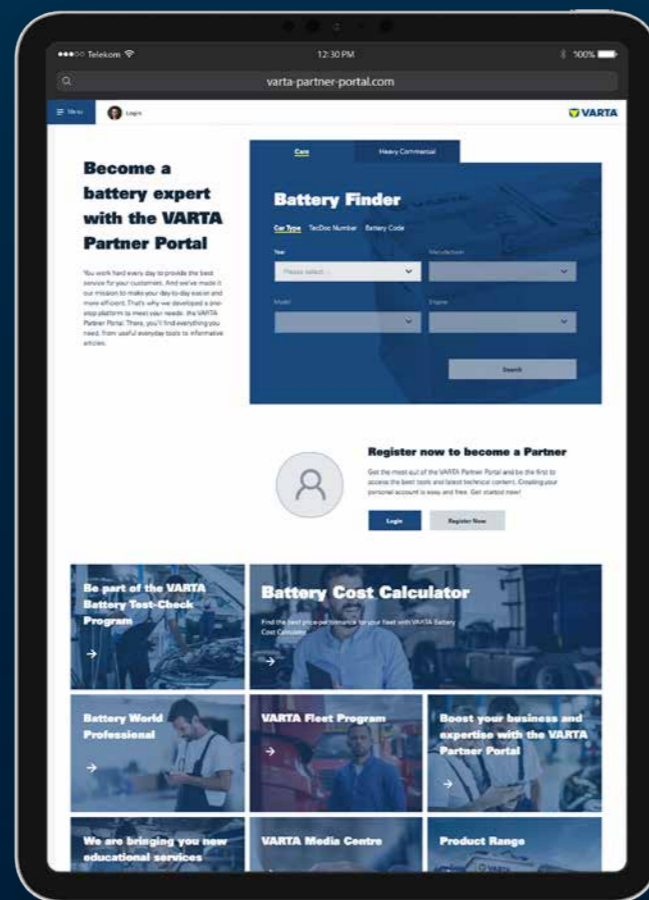
The Battery World Professional library has been updated with even more valuable articles. Enjoy all kinds of battery content – from the essentials to expert know-how.

### » Product Pages

On the Product Range page, you can find an overview of all passenger car and heavy commercial batteries.

### » Battery Test-Check Program

Test every battery. Join the VARTA Battery Test-Check Program and get the power to become a battery expert!



### How to join:

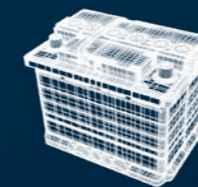
The registration for our VARTA Partner Portal is free of charge and very easy: Fill out the registration form here [www.varta-partner-portal.com](http://www.varta-partner-portal.com) and receive your confirmation by e-mail. Done!

# VARTA® E-LEARNINGS.

## Become a true battery expert.

You are always looking for new ways to train your staff to continuously provide a quality service to customers. Digital training has come a long way and has now reached its prime in the form of E-Learning. Due to its convenience and flexibility of being available from anywhere and at any time, web-based trainings promote an active and independent way of learning.

VARTA's digital learning offerings have always been the perfect complement to our traditional trainings. With the new E-Learnings we now complete our digital knowledge portfolio, following the YouTube-channel's educational playlists, technical articles in the Battery World Professional, the Battery Finder in the VARTA Partner Portal and other social media outlets.



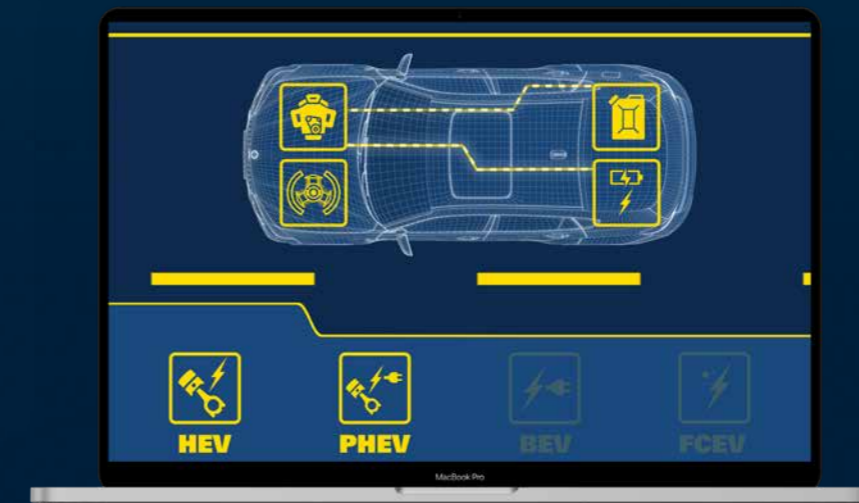
Basics



Automotive



Heavy Commercial



VARTA E-Learnings provide the best user experience – both online and offline. Our trainings are for everyone who deals with batteries on a daily basis. We share our profound knowledge in a user-centric approach so mechanics and sales advisors, wholesalers and retailers are ready for new technologies and today's complex vehicles.

### Learning on a whole new level.

VARTA E-Learnings are currently available at the VARTA Partner Portal. Registered users get access to a complete offering of digital trainings on basic battery knowledge, advanced passenger cars, heavy commercial vehicles and all the latest VARTA services.



### VARTA® Dynamic AGM

VARTA® Code	Short Code	Capacity 20h [Ah]	CCA (EN) [A]	Overall dimensions (mm)			Case Size	Weight (kg)	Layout	Terminal	Base hold-down
				L	W	H					
... K26 2											
540 901 042	A10	40	420	175	175	190	H3/LN0	12.2	0	1	B13
550 901 054	A9	50	540	207	175	190	H4/LN1	14.7	0	1	B13
560 901 068	A8	60	680	242	175	190	H5/LN2	17.4	0	1	B13
570 901 076	A7	70	760	278	175	190	H6/LN3	20.1	0	1	B13
580 901 080	A6	80	800	315	175	190	H7/LN4	22.8	0	1	B13
595 901 085	A5	95	850	353	175	190	H8/LN5	25.9	0	1	B13
605 901 095	A4	105	950	394	175	190	H9/LN6	29.4	0	1	B13

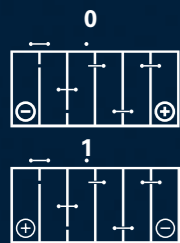


### VARTA® Dynamic EFB

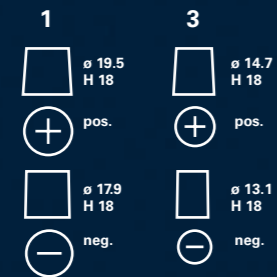
VARTA® Code	Short Code	Capacity 20h [Ah]	CCA (EN) [A]	Overall dimensions (mm)			Case Size	Weight (kg)	Layout	Terminal	Base hold-down
				L	W	H					
... K26 2											
550 500 055	N50	50	550	207	175	190	H4/LN1	14.2	0	1	B13
560 500 064	N60	60	640	242	175	190	H5/LN2	16.9	0	1	B13
565 500 065	D54	65	650	278	175	175	T6/LB3	18.6	0	1	B13
570 500 076	N70	70	760	278	175	190	H6/LN3	19.5	0	1	B13
575 500 073	E46	75	730	314	175	175	T7/LB4	21.2	0	1	B13
580 500 080	N80	80	800	314	175	190	H7/LN4	21.7	0	1	B13
595 500 085	N95	95	850	352	175	190	H8/LN5	24.5	0	1	B13
605 500 095	N105	105	950	393	175	190	H9/LN6	26.0	0	1	B13
565 501 065	N65	65	650	232	173	225	D23	16.9	0	1	B00
572 501 076	N72	72	760	261	175	219	D26	19.5	0	1	B01
585 501 080	N85	85	800	306	173	219	D31	21.8	0	1	B01

### Technical specifications

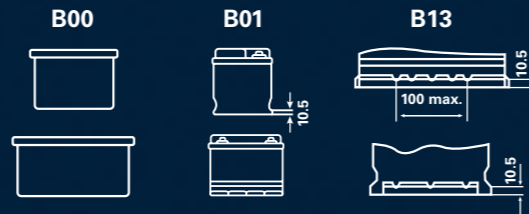
#### Layout



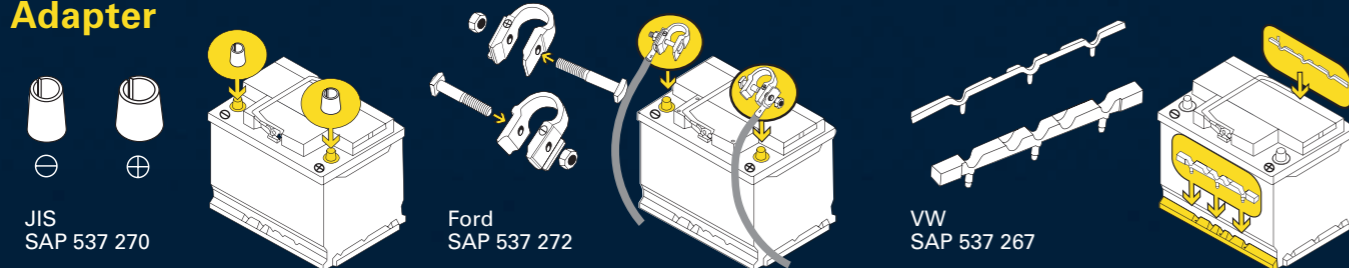
#### Terminal type



#### Base hold-down



#### Adapter



### VARTA® Dynamic SLI

VARTA® Code	Short Code	Capacity 20h [Ah]	CCA (EN) [A]	Overall dimensions (mm)			Case Size	Weight (kg)	Layout	Terminal	Base hold-down
				L	W	H					
... K26 2											
<b>EN</b>											
544 401 042	B36	44	420	175	175	190	H3/L0	10.6	0	1	B13
544 402 044	B18	44	440	207	175	175	T4/LB1	11.0	0	1	B13
545 412 040	B19	45	400	207	175	190	H4/L1	11.6	0	1	B13
545 413 040	B20	45	400	207	175	190	H4R/L1R	11.6	1	1	B13
552 400 047	C22	52	470	207	175	190	H4/L1	12.2	0	1	B13
552 401 052	C6	52	520	207	175	175	T4/LB1	12.0	0	1	B13
554 400 053	C30	54	530	207	175	190	H4/L1	12.7	0	1	B13
556 400 048	C14	56	480	242	175	190	H5/L2	13.5	0	1	B13
560 127 054	D43	60	540	242	175	190	H5R/L2R	14.3	1	1	B13
560 408 054	D24	60	540	242	175	190	H5/L2	14.7	0	1	B13
560 409 054	D59	60	540	242	175	175	T5/LB2	13.6	0	1	B13
561 400 060	D21	61	600	242	175	175	T5/LB2	14.0	0	1	B13
563 400 061	D15	63	610	242	175	190	H5/L2	14.8	0	1	B13
570 144 064	E9	70	640	278	175	175	T6/LB3	15.7	0	1	B13
570 409 064	E13	70	640	278	175	190	H6/L3	16.4	0	1	B13
572 409 068	E43	72	680	278	175	175	T6/LB3	16.7	0	1	B13
574 012 068	E11	74	680	278	175	190	H6/L3	17.5	0	1	B13
574 013 068	E12	74	680	278	175	190	H6R/L3R	17.0	1	1	B13
574 402 075	E38	74	750	278	175	175	T6/LB3	17.0	0	1	B13
577 400 078	E44	77	780	278	175	190	H6/L3	17.5	0	1	B13
580 400 074	F16	80	740	315	175	190	H7/L4	18.7	0	1	B13
580 406 074	F17	80	740	315	175	175	T7/LB4	18.8	0	1	B13
585 200 080	F18	85	800	315	175	175	T7/LB4	18.8	0	1	B13
585 400 080	F19	85	800	315	175	190	H7/L4	19.4	0	1	B13
588 403 074	F5	88	740	353	175	175	T8/LB5	19.8	0	1	B13
590 122 072	F6	90	720	353	175	190	H8/L5	20.4	0	1	B13
595 402 080	G3	95	800	353	175	190	H8/L5	21.1	0	1	B13
600 402 083	H3	100	830	353	175	190	H8/L5	21.7	0	1	B13
610 402 092	I1	110	920	393	175	190	H9/L6	25.0	0	1	B13
<b>JIS</b>											
540 125 033	A13	40	330	187	140	227	B19H	9.7	0	3	B01
540 126 033	A14	40	330	187	127	227	B19	9.7	0	3	B00
540 127 033	A15	40	330	187	127	227	B19R	9.7	1	3	B00
545 077 030	B23	45	300	220	135	225	E2	10.8	0	1	B01
545 079 030	B24	45	300	220	135	225	E2R	10.8	1	1	B01
545 155 033	B31	45	330	238	129	227	B24	11.4	0	3	B00
545 156 033	B32	45	330	238	129	227	B24R	11.4	0	1	B00
545 157 033	B33	45	330	238	129	227	B24S	11.4	1	3	B00
545 158 033	B34	45	330	238	129	227	B24RS	11.4	1	1	B00
560 410 054	D47	60	540	232	173	225	D23	14.1	0	1	B00
560 411 054	D48	60	540	232	173	225	D23R	14.1	1	1	B00
570 412 063	E23	70	630	261	175	220	D26	16.2	0	1	B01
570 413 063	E24	70	630	261	175	220	D26R	16.2	1	1	B01
595 404 083	G7	95	830	306	173	225	D31	20.2	0	1	B01
595 405 083	G8	95	830	306	173	225	D31R	20.2	1	1	B01

VARTA® Code	Short Code	Capacity 10h [Ah]	Capacity 20h [Ah]	CCA (EN) [A]	Overall dimensions (mm)			Case Size	Weight (kg)	Layout	Terminal	Base hold-down
					L	W	H					
... K26 2												
<b>AUX</b>												
509 106 013	AUX9	9	8	130	151	87	106	YTX9	2.9	Y4	1	B00
513 106 020	AUX14	13	12	200	150	87	146	YTX14	4.6	Y4	1	B00
535 106 052	AUX1	35	-	520	212	175	140	POB4	10.8	1	0	B13



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