

NEW

POWERFUL TECHNOLOGY. RELIABLE. LONG-LASTING.



ORIGINAL
MATCHING
SPARE PART

**LONG
LIFE**

DE
MADE IN
GERMANY

**CLIMATE
PROOF**

**ECO
FRIENDLY**

VARTA®

www.varta-automotive.co.za

AUTOX

**Johnson
Controls**

VARTA® automotive batteries are distributed by **AutoX**, a leading automotive battery manufacturer in **South Africa**.

Through AutoX's established and extensive supply chain, VARTA® is readily available to the local South African market as well as selected African countries. With Johnson Controls, the world's largest manufacturer of automotive batteries, and with innovative battery technology, VARTA® is at the forefront of moving automotive aftermarket battery business to the next level.



WHY YOU CAN TRUST VARTA®

VARTA® batteries are designed to deliver exceptional power. And to do their job for a very long time!

PROVIDING PRECISION ✓

Our engineers put expertise and precision into each and every VARTA® battery. So when you choose VARTA®, you go for reliable precision technology that delivers best-in-class manufacturing quality.

LONG LIFETIME ✓

No other batteries are constructed quite like VARTA® batteries. Innovative engineering such as the PowerFrame® technology guarantees best performance and long lifetimes. VARTA® batteries are built to perform and to last. No matter what the climate conditions.

GLOBALLY TRUSTED ✓

The VARTA® brand has a history going back more than 125 years. VARTA® batteries are factory-fitted by major car makers and trusted by drivers around the world.

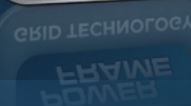


WORLDWIDE LEADER FOR AUTOMAKERS AND RETAILERS

Original matching spare parts in line with BER 1400/2002/ EC

POWERFRAME GRID AT THE HEART OF EVERY VARTA® BATTERY

The promise of true strength.





SILVER DYNAMIC AGM – PREMIUM POWER



3x
CYCLE LIFE





The Silver Dynamic AGM battery is capable of powering the most demanding vehicles and accessories with three times the endurance of conventional batteries. It's designed to meet the huge energy demands of vehicles equipped with advanced Start-Stop systems, such as regenerative braking.



CLIMATE-PROOF

Battery design to withstand extreme climate requirements.



ORIGINAL MATCHING SPARE PART

Original matching spare parts in line with BER 1400/2002/ EC.



START-STOP PLUS READY

Designed for vehicles with advanced Start-Stop functionality with regenerative braking.



MADE IN GERMANY

Engineered and produced according to the highest quality standards and precision.



3x CYCLE LIFE

3x the cycle life compared with a conventional battery.

BLUE DYNAMIC – STRONG ALLROUNDER



The strong allrounder. The VARTA® BLUE DYNAMIC is the ideal power solution for vehicles of every class, even for luxury vehicles. Its excellence lies in its strength and reliability.

Made in Europe – according to the highest European standards.



ORIGINAL MATCHING SPARE PART

Original matching spare parts in line with BER 1400/2002/ EC.



LONG LIFE

Technologically advanced battery construction secures extended battery life.



MADE IN EUROPE

Produced according to the highest European standards for best in class manufacturing quality.



CLIMATE PROOF

Improved battery design to withstand extreme climate requirements.

PROMOTIVE BLUE – EXCELLENT ALLROUNDER



Need an excellent all rounder? This versatile product covers our widest range of applications, including all agricultural, municipal, delivery and heavy goods vehicles carrying out demanding work on- or off-road. And because Promotive Blue delivers the best cold starting performance for large engines, you'll enjoy power and reliability from the word "go".

KEY BENEFITS

- Designed for high-performance commercial vehicles with standard power demands.
- Meets EN requirements (EN 3 standard and vibration resistance V2).
- Extremely safe thanks to Labyrinth lid technology, integral flame arrestors, terminal guards and special caps and very low water consumption.
- Minimal self discharge thanks to Calcium-silver technology grid alloy.

INNOVATION THAT LOWERS YOUR TOTAL COST OF OWNERSHIP

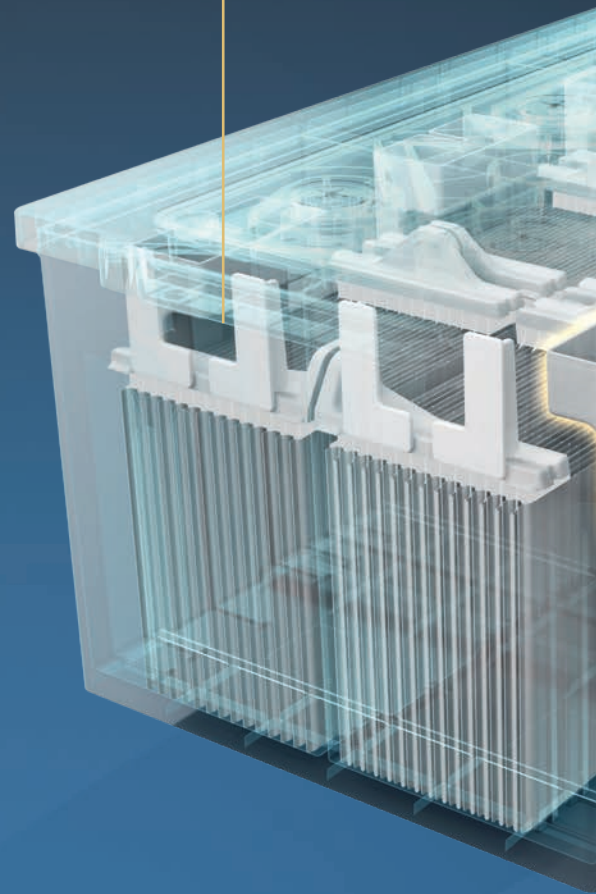
No other battery is constructed quite like VARTA®. The modern EFB technology, the unique mixing element, the superior vibration resistance and the labyrinth cover design for very low water consumption lead to a far safer and stronger battery than conventional batteries.

This means an up to 40% longer cycle life and 100% maintenance free for considerably lower total operating costs. This robust technology is ideal for HGV's (e.g. trucks, busses and heavy construction vehicles).

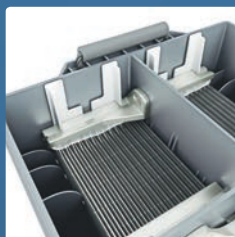
SUPERIOR VIBRATION RESISTANCE

Injection molded supports and additional connector fixation, withstand even the most severe conditions on the road.

Ripped off plates and broken connectors are prevented and they are held securely in position instead. The innovative technology meets the very highest OEM requirements for end of frame installation.



Bottom
fixation



Connector
fixation



Hot melt
injection
under
connectors



MODERN EFB TECHNOLOGY

An additional polyester scrim and glued mat ensure excellent adhesion of the grid to the mass. This means the mass is surrounded by a special mat so that it does not detach. This provides a longer cycle life than with conventional batteries.

MIXING ELEMENT

The mixing element exclusively developed by VARTA® optimizes charge acceptance and increases service life by greatly reducing acid layering. The mixing element uses the natural movement of the vehicle in the process.

POWERFRAME®

THE PROMISE OF TRUE STRENGTH

BE SURE TO RECOMMEND A BATTERY WITH POWERFRAME TECHNOLOGY.

It's stronger, more durable and keeps our customers going. Plus, the manufacturing process is more environmentally friendly, using 20 % less energy and emitting 20 % fewer greenhouse gases.

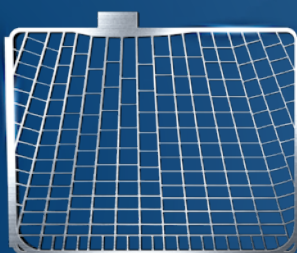


PATENTED STAMPED GRID DESIGN

Regular grids are die-cast or stretched to form. This leaves weak spots in the material and makes it vulnerable. Not so the PowerFrame Grid. It is stamped grid, which guarantees superior robustness.



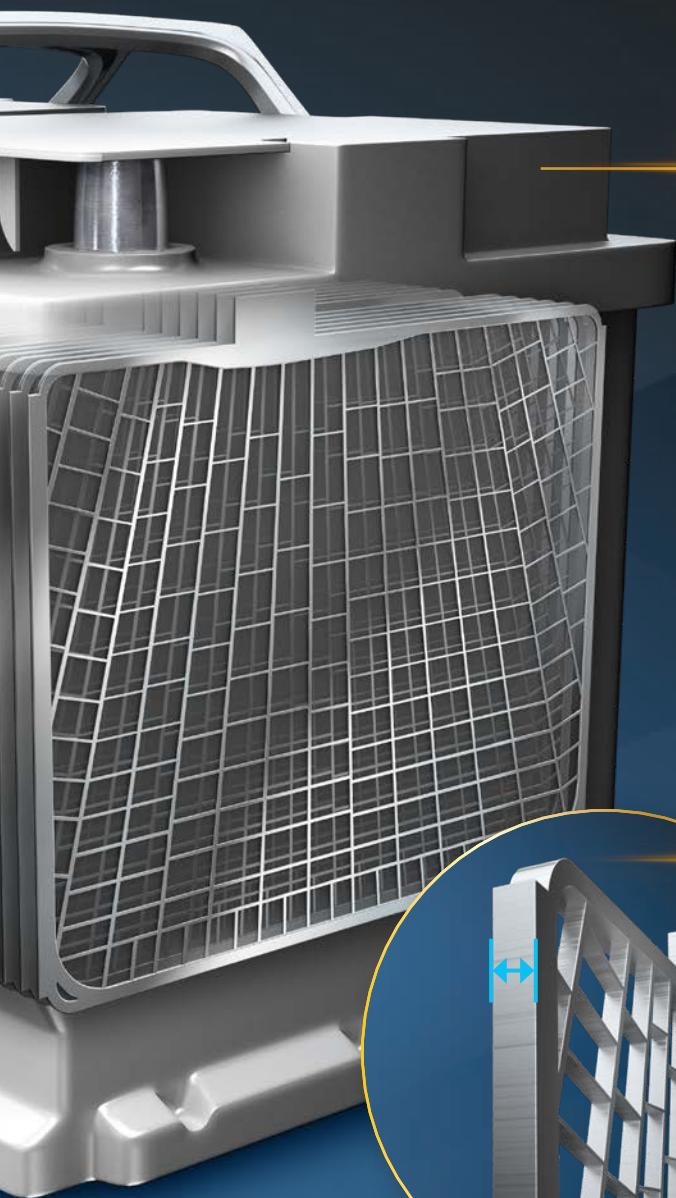
66%
MORE DURABLE



POWERFRAME GRID
shown after 50,000 KM corrosion



STANDARD GRID
shown after 50,000 KM corrosion



RELIABLE POWER

Constant power flow during the whole life cycle.



STRONG STRUCTURE

A robust design for minimised corrosion.



VARTA® SILVER DYNAMIC (AGM) - MAINTENANCE FREE - WITH POWERFRAME TECHNOLOGY

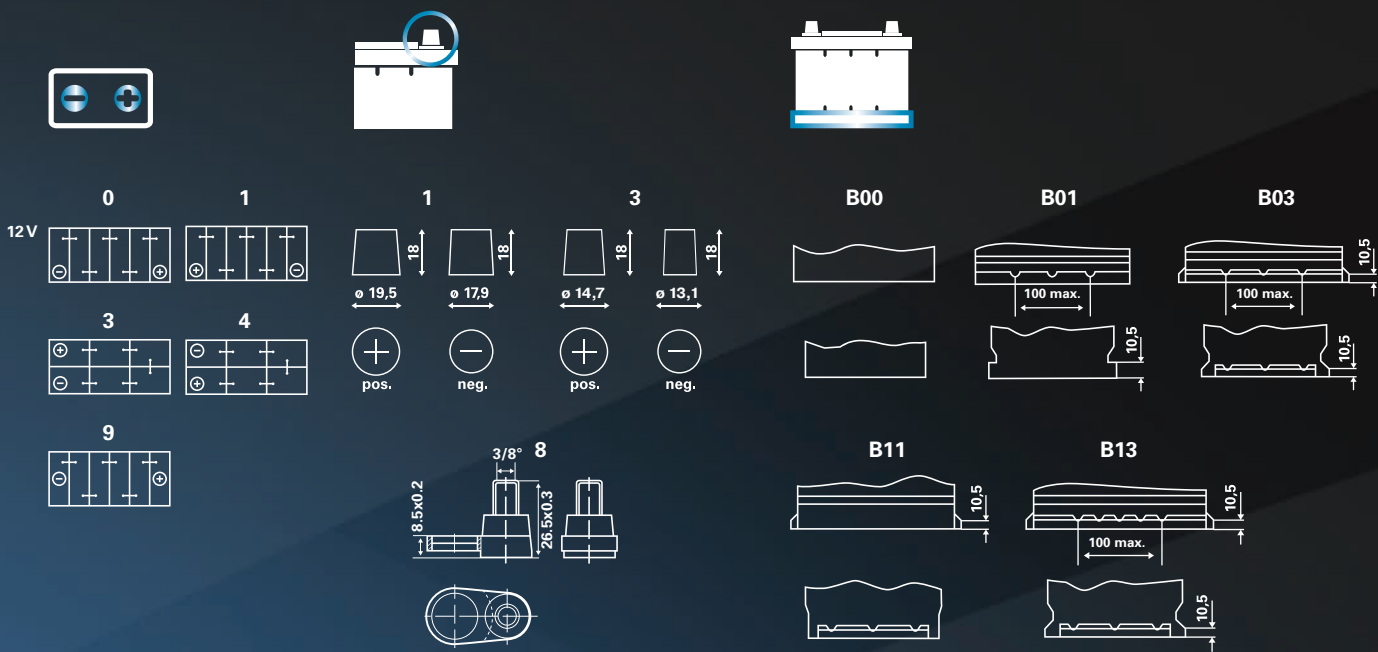
SHORT CODE	SABMA PART NUMBER	C20 Ah	CCA(EN/A)	CCA (SAE) [A]	CCA (IEC) [A]					LAYOUT	POLE	HOLD DOWN
						L	W	H	TH			
D52	646-64	60	680	720	470	242	175	-	190	0	1	B13
E39	652-64	70	760	800	530	278	175	-	190	0	1	B13
F21	668-64	80	800	850	560	315	175	-	190	0	1	B13
G14	658-64	95	850	900	590	353	175	-	190	0	1	B13
H15	660-64	105	950	1000	660	394	175	-	190	0	1	B13

VARTA® BLUE DYNAMIC - MAINTENANCE FREE - WITH POWERFRAME TECHNOLOGY

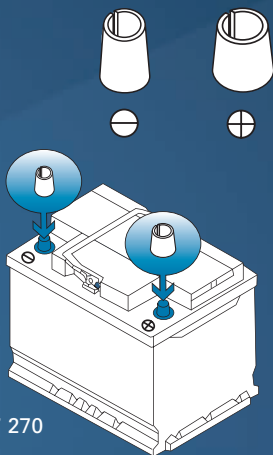
A14	616-65	35	280	290	190	187	127	200	227	0	3	B00
E24	638-65	70	550	580	380	261	175	200	220	1	1	B00
E23	639-65	70	550	580	380	261	175	200	220	0	1	B01
G7	650s-65	90	690	720	480	306	173	200	225	0	1	B00
B18	619-65	43	370	390	260	207	175	-	175	0	1	B13
D24	646-65	62	520	540	360	242	175	-	190	0	1	B13
E11	652-65	74	640	660	450	278	175	-	190	0	1	B13
E12	657-65	74	640	660	450	278	175	-	190	1	1	B13
F17	668-65	80	630	650	440	315	175	-	175	0	1	B13
H3	658-65	100	670	720	470	353	175	-	190	0	1	B13
M8	692-65	170	940	1000	650	513	223	193	223	3	1	B00
E10	695-65	240	1200	1400	840	518	276	217	242	3	1	B00
D59	629-65	60	550	570	380	242	175	-	175	0	1	B13
B34	634-65	45	300	310	210	238	129	200	227	1	1	B00
B32	636-65	45	300	310	210	238	129	200	227	0	1	B00
D47	649-65	60	440	460	300	232	173	200	225	0	1	B00
G8	650-65	90	690	720	480	306	173	200	225	1	1	B00
E9	651-65	71	600	620	420	278	175	-	175	0	1	B13
F16	668-65	80	630	650	440	315	175	-	190	0	1	B13
K10	686-65-140	140	760	800	530	514	189	193	223	3	1	B00
M18	695-65-180	180	1000	1050	700	513	223	193	223	3	1	B00
M19	695-65-190	190	1150	1200	800	513	223	193	223	3	1	B00
N9	695-65-225	225	1150	1200	800	518	276	217	242	3	1	B00

LFS105N	792-65	105	800	840	840	330	172	-	238	9	1	B01
LFS105M	792s-65	105	800	840	840	330	172	-	238	9	8	B01

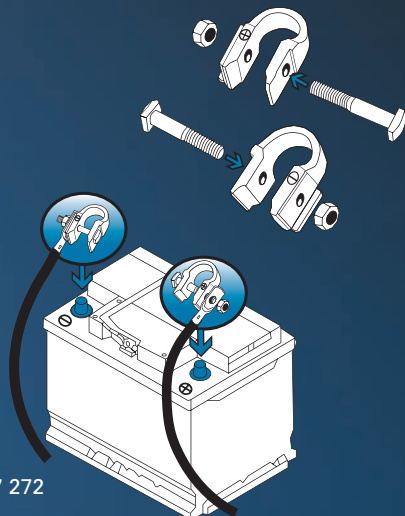
TECHNICAL DIAGRAMS



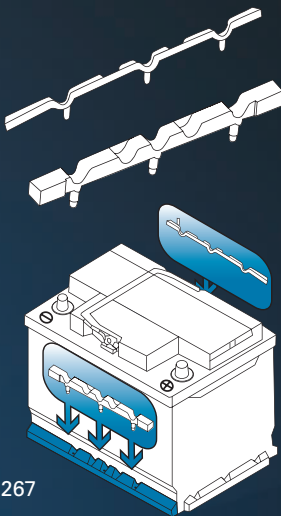
JIS
SAP 537 270



Ford
SAP 537 272



VW
SAP 537 267



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BACKED ALL THE WAY BY A GLOBAL MARKET LEADER

VARTA® is powered by Johnson Controls Power Solutions, the global leader in lead-acid automotive batteries and advanced batteries for Start-Stop, hybrid and electric vehicles.

140 North Reef Road, Elandsfontein, Gauteng

Tel: 011 776 4300

Email: marketing@auto-x.co.za

Website: www.varta-automotive.co.za

