

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.

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".



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.

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

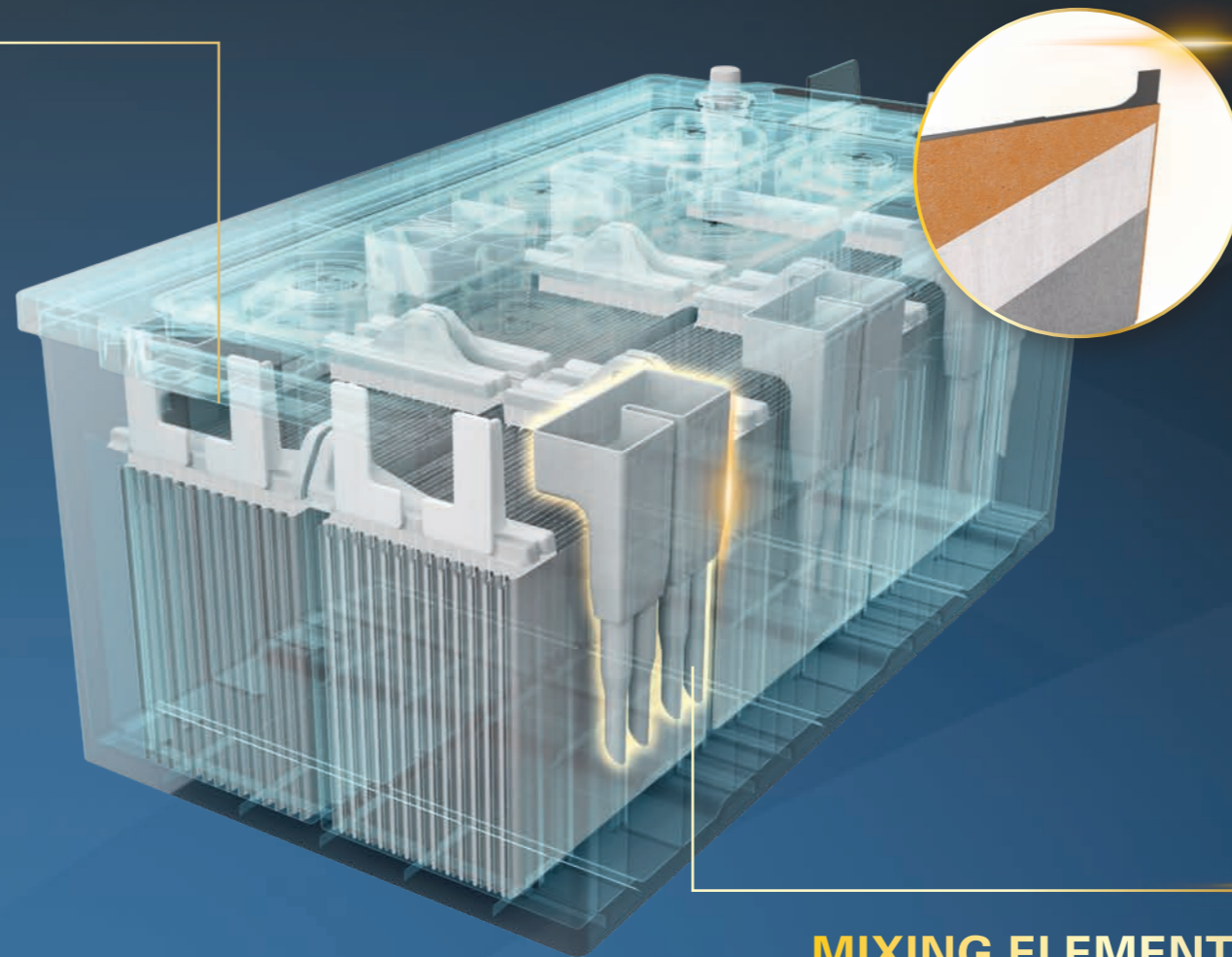
No other battery is constructed quite like VARTA®. The modern EFB technology, the unique mixing element, the superior vibration resistance and the labyrinth cover design for very low water consumption lead to a far safer and stronger battery than conventional batteries.

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.



MODERN EFB TECHNOLOGY

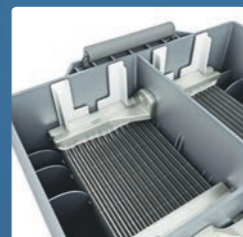
An additional polyester scrim and glued mat ensure excellent adhesion of the grid to the mass. This means the mass is surrounded by a special mat so that it does not detach. This provides a longer cycle life than with conventional batteries.

MIXING ELEMENT

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



Bottom fixation



Connector fixation



Hot melt injection under connectors

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.



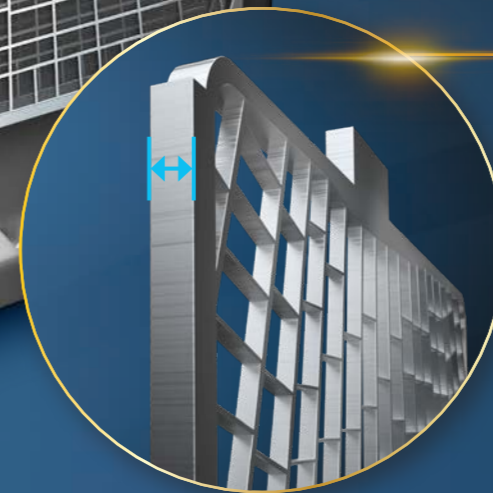
RELIABLE POWER

Constant power flow during the whole life cycle.

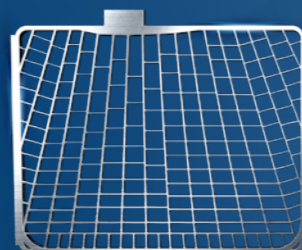


STRONG STRUCTURE

A robust design for minimised corrosion.



66%
MORE DURABLE



POWERFRAME GRID
shown after 50,000 KM corrosion



STANDARD GRID
shown after 50,000 KM corrosion

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

VARTA® SHORT CODE	SABMA CODE	C20 Ah	CCA(EN)/A					LAYOUT	POLE	HOLD DOWN
				L	W	H	TH			
D52	646-64-i	60	680	242	175	-	190	0	1	B13
E39	652-64-i	70	760	278	175	-	190	0	1	B13
G14	658-64-i	95	850	353	175	-	190	0	1	B13
H15	660-64-i	105	950	394	175	-	190	0	1	B13
F21	668-64-i	80	800	315	175	-	190	0	1	B13

VARTA® BLUE DYNAMIC & VARTA® PROMOTIVE BLUE - MAINTENANCE FREE - WITH POWERFRAME TECHNOLOGY

AUTOMOTIVE										
C22	612-65-i	52	470	207	175	190	190	0	1	B13
A14	616-65-i	35	280	187	127	200	227	0	3	B00
B18	619-65-i	43	370	207	175	-	175	0	1	B13
D59	629-65-i	60	550	242	175	-	175	0	1	B13
B34	634-65-i	45	300	238	129	200	227	1	1	B00
B32	636-65-i	45	300	238	129	200	227	0	1	B00
B33	636T-65-i	45	300	238	129	200	227	1	3	B00
E24	638-65-i	70	550	261	175	200	220	1	1	B01
E23	639-65-i	70	550	261	175	200	220	0	1	B01
D24	646-65-i	62	520	242	175	-	190	0	1	B13
D47	649-65-i	60	440	232	173	200	225	0	1	B00
G8	650-65-i	90	690	306	173	200	225	1	1	B00
G7	650S-65-i	90	690	306	173	200	225	0	1	B00
E9/D54	651-65-i	71	600	278	175	-	175	0	1	B13
E11	652-65-i	74	640	278	175	-	190	0	1	B13
E12	657-65-i	74	640	278	175	-	190	1	1	B13
H3	658-65-i	100	670	353	175	-	190	0	1	B13
F17	668-65-i	80	630	315	175	-	175	0	1	B13
F16	668H-65-i	80	630	315	175	-	190	0	1	B13
COMMERCIAL										
K10	686-65-i	140	760	514	189	193	223	3	1	B00
M8	692-65-170-i	170	940	513	223	193	223	3	1	B00
E10	695-65-i	240	1200	518	276	217	242	3	1	B00
N9	695-65-225-i	225	1150	518	276	217	242	3	1	B00
M18	696-65-180-i	180	1000	513	223	193	223	3	1	B00
M19	696-65-190-i	190	1150	513	223	193	223	3	1	B00

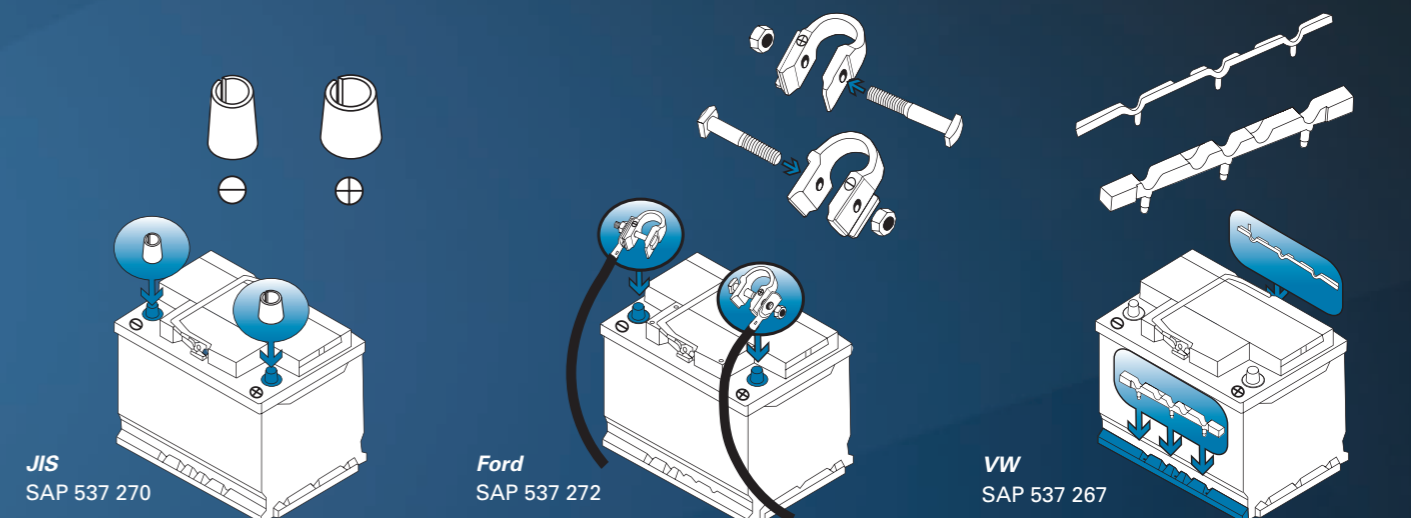
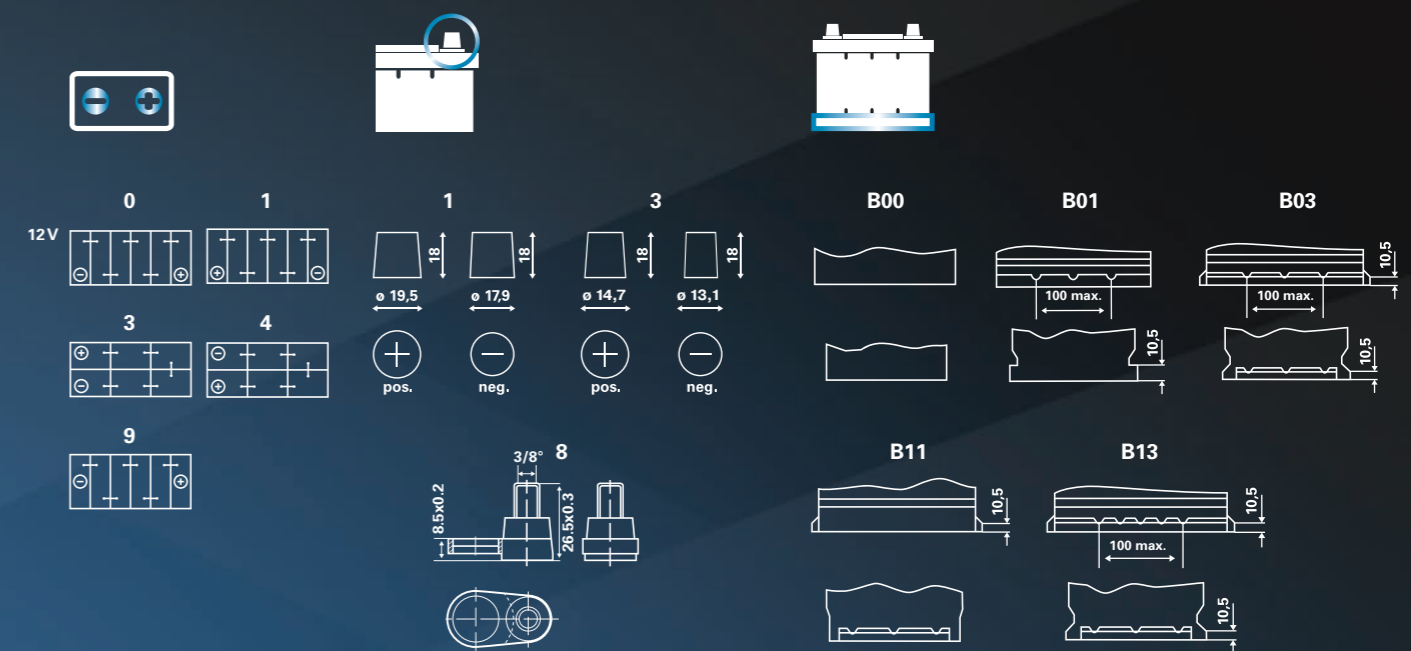
VARTA® DUAL PURPOSE

LFD 75	752-65-i	75	650	278	175	-	190	0	1	B13
U1R	781-65-i	22	340	196	131	-	183			
LFS105N	792-65-i	105	800	330	172	-	238	9	1	B01
LFS105M	792S-65-i	105	800	330	172	-	238	9	8	B01

6V

E30	305	77		216	170	-	191	0	1	B06
I30	308	112	510	260	175	-	238	0	1	B01

TECHNICAL DIAGRAMS





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.

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