



## PROMOTIVE EFB

### Key benefits

- Most effective solution for high energy demands including hoteling and highest vibration requirements
- Latest Original Equipment (OE) technology and lowest water consumption for greatest TCO savings
- Exceeds EN Super Heavy Duty (SHD) requirements (EN 4 standard and vibration resistance V3)

For more information visit [www.varta-automotive.com](http://www.varta-automotive.com)



### ORDER INFORMATION

European Type No. (ETN):	690 500 105
Article Number:	690 500 105 E65 2
Short Code:	B90
Barcode:	4016987149058
Packaging Unit:	1
Quantity per Pallet:	0

### TECHNICAL INFORMATION

Voltage [V]:	12	Base Hold-down:	B00
Battery Capacity [Ah]:	190	Layout:	3
Cold Cranking Amps (CCA), EN [A]:	1050	Terminal Types:	1
Length [mm]:	513	Case Size:	B
Width [mm]:	223	Weight filled (kg):	47,21
Height [mm]:	223		

### KEY BENEFITS



**40% LONGER LIFE**  
than any other battery



**SUPERIOR  
VIBRATION  
RESISTANCE**



**MADE IN GERMANY**  
manufactured to the highest  
quality standards



**ORIGINAL SPARE PART**  
the largest manufacturers  
trust this product

**MIXING ELEMENT**

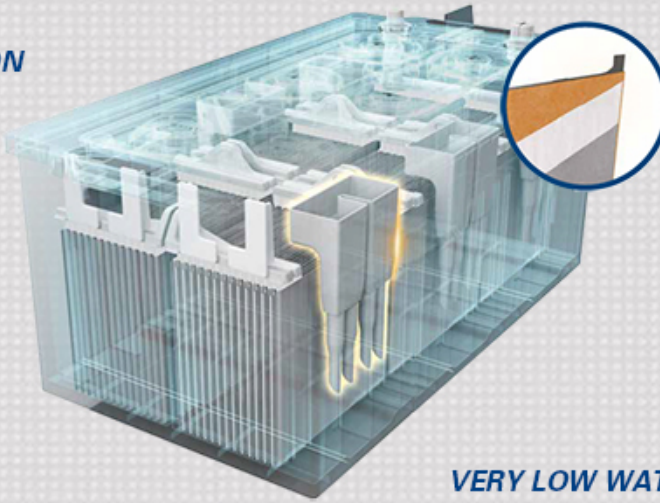
The mixing element exclusively developed by VARTA® optimizes charge acceptance and increases service life by greatly reducing acid layering. The mixing element uses the natural movement of the vehicle in the process.

**LONGER CYCLE LIFE**

Take advantage of considerably longer cycle life than with conventional batteries.

**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.

**VERY LOW WATER CONSUMPTION**

The labyrinth cover design was especially developed by VARTA® and provides 100% protection against leaks, even when tilted up to 90°.



Criteria	Promotive EFB	Promotive Silver	Promotive Blue	Promotive Black
No. of Battery Types	2	3	5	36
Primary Function	Engine start and high energy demand, including Hoteling	Engine Start and Enhanced Power Supply	Engine Start and Enhanced Power Supply	Engine Start
Reduction potential in Total Cost of Ownership (TCO)	Best	Best	Better	Good
Technology	Enhanced Flooded	Conventional Flooded	Conventional Flooded	Conventional Flooded
Grid Alloy	Calcium/Calcium	Calcium/Calcium	Calcium/Calcium	Calcium/Calcium
Vibration Resistance	EN V4 Standard	EN V3 Standard	EN V2 Standard	EN V1 Standard
Quality Level	Original Equipment	Original Equipment	Original Equipment	Original Equipment
Water Consumption	Extremely Low	Extremely Low	Very Low	Very Low