

WINMAXX[®]

BATTERIES



SWITCH TO SUCCESS



WINMAXX AGM START STOP SERIES

WINMAXX EFB START STOP SERIES

WINMAXX PREMIUM DIN SERIES

WINMAXX PREMIUM ASIA SERIES

WINMAXX STARTER SERIES

 LIFE EXPECTANCY ★★★★★	 START/STOP SYSTEMS HIGHLY RECOMMEND	 EQUIPMENT LEVEL ★★★★★
 CYCLING CAPABILITY ★★★★★	 CCA CAPABILITY ★★★★★	 WATER CONSUMPTION EXTREMELY LOW

 LIFE EXPECTANCY ★★★★★	 START/STOP SYSTEMS RECOMMEND	 EQUIPMENT LEVEL ★★★★★
 CYCLING CAPABILITY ★★★★★	 CCA CAPABILITY ★★★★★	 WATER CONSUMPTION VERY LOW

 LIFE EXPECTANCY ★★★	 START/STOP SYSTEMS NOT RECOMMEND	 EQUIPMENT LEVEL ★★★
 CYCLING CAPABILITY ★★★	 CCA CAPABILITY ★★★	 WATER CONSUMPTION VERY LOW

 LIFE EXPECTANCY ★★★	 START/STOP SYSTEMS NOT RECOMMEND	 EQUIPMENT LEVEL ★★★
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 CYCLING CAPABILITY ★★	 CCA CAPABILITY ★★	 WATER CONSUMPTION VERY LOW

Batteries with special absorbent glass mat. Its superb performance is suitable for the most demanding modern vehicles and their electrical systems. WINMAXX AGM START STOP series offers excellent endurance, ideal for advanced start-stop systems where the battery needs to be charged and discharged repeatedly while keeping its performance levels.

WINMAXX EFB START STOP series is perfectly suited for light vehicles with standard Start/Stop systems which operate at a partial state of charge and do not require the deep-cycling characteristics of an AGM battery. Our technology with improved casted plates and the addition of a polyester fleece scrim mesh to the PAM surface greatly improves the endurance.

WINMAXX POWER DIN series offer great power and endurance for vehicles with the latest equipment and highest electrical requirements. Our new design with punched grids and polyester fleece provides superior starting power and excellent level of endurance.

WINMAXX POWER JIS series offer great power and endurance for vehicles with the latest equipment and high electrical requirements. Our improved plate construction provides high starting power and endurance suitable for all classes of light vehicles. The range is completely sealed and spill-proof.

Suitable for vehicles with standard level of electrical demand
Integrated degassing Labyrinth system
Lockable terminal protection caps
Easy access to terminals for testing
Enhanced safety, leakage and spill proof
Long service life





WINMAXX AGM SERIES

WINMAXX EFB SERIES

WINMAXX SMF SERIES

WINMAXX SHD SERIES

WINMAXX HEAVY DUTY SERIES



Our WINMAXX TRUCK AGM series provides superb performance, suitable for the most demanding modern commercial and heavy-duty vehicles and their electrical systems. MONBAT AGM offers much improved vibration resistance, endurance, very high reliability and safety.

WINMAXX TRUCK EFB series is perfectly suited for heavy vehicles which require deep-cycling characteristics. Our technology offers improved casted plates fixed with hot melt resin as well as added polyester scrim and glass fleece to the plates. These result in an excellent vibration resistance and cyclability.

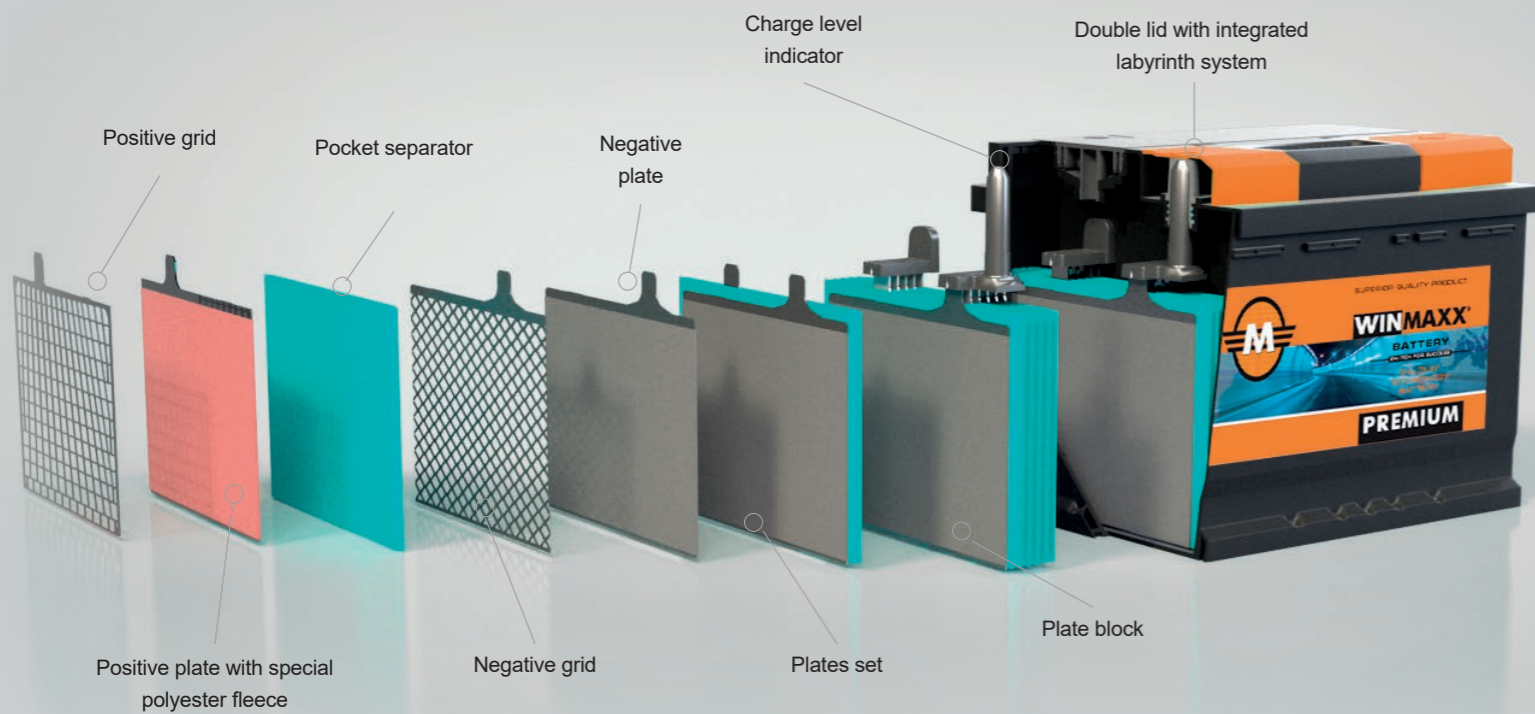
WINMAXX TRUCK SMF series offer great power and endurance for heavy duty vehicles with advanced electrical equipment and power requirements. Our design provides superior starting power and excellent level of endurance.

WINMAXX TRUCK SHD series offer excellent power for heavy-duty vehicles with increased cycling requirements thanks to the added glass mat separator. The range provides great endurance, reliability and service life.

Complete range for vans, agricultural vehicles, tractors, HGVs, coaches and buses Suitable for heavy vehicles with standard electrical requirements
Wide range of available specifications
Vibration proof
Low rate of self discharge
Improved Endurance
Enhanced Safety and reliability



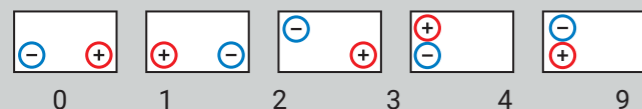
TECHNOLOGY - POWER SERIES



The technology used in WINMAXX Power series combines high production speed and extreme precision. The grids feature a robust design and excellent performance with increased battery durability. This ensures longer life and performance stability of each battery. Our technology also provides supreme starting performance with up to 30% increase in the cold cranking

capability. This leads to more consistent starts in all weather conditions. The series are completely sealed maintenance free with double lid and integrated labyrinth system, which greatly reduce the water consumption due to the recombination of gases.

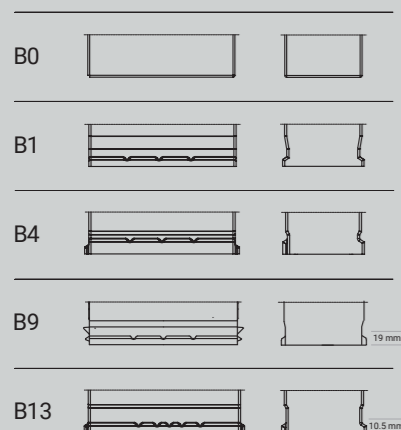
LAYOUT



TERMINALS



HOLD-DOWN



TECHNOLOGY - EFB SERIES

We have added a special polyester scrim to the positive plate. The scrim is an additional polyester element on top of PAM, which holds the active mass in place and prevents its erosion. Unlike regular pasting paper, it remains on the plate after charging and operation due to its acid resistance ability. The result is enhanced deep cycle capability and superior charge acceptance. The addition of glued glass fleece helps the plates keep their proper position at all times and in every condition.

An insert with an acid circulation system prevents acid stratification. It works together with the stabilization insert to keep the acid inside the battery in constant circulation. The acid density stays at homogenous levels, which enhances charge acceptance and extends the battery life.

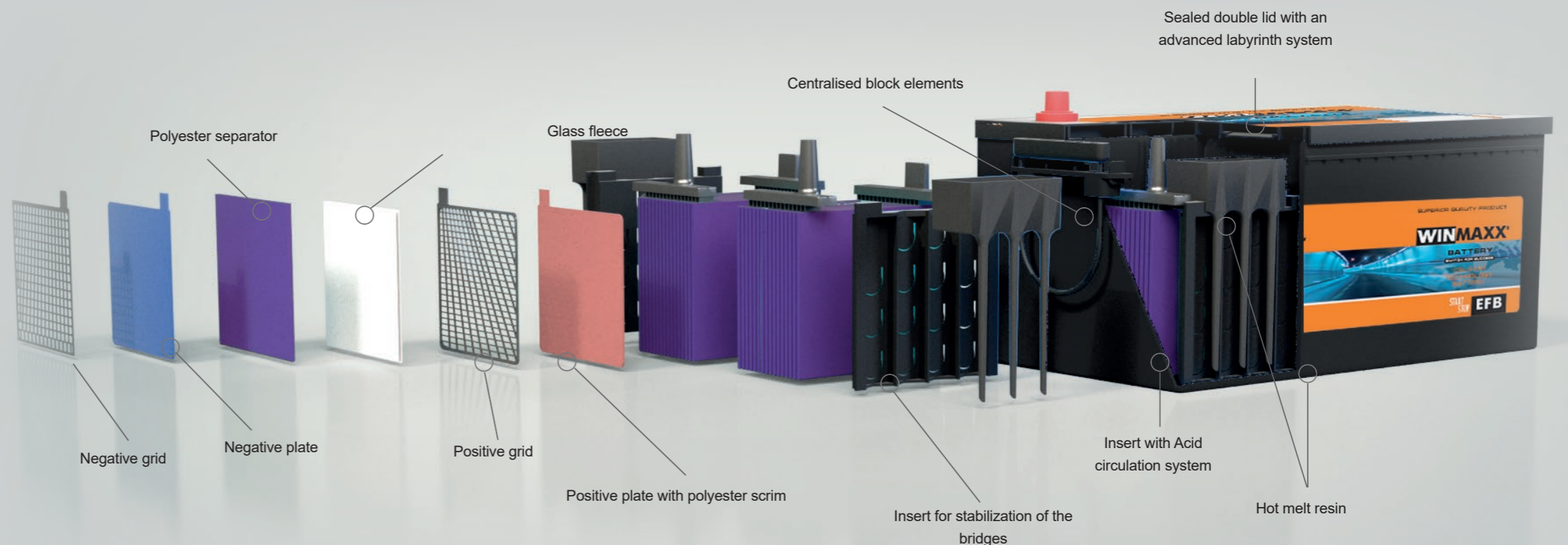
There is also an insert for stabilization of the bridges

which keeps the plates in their centralized position. The insert also has special design with acid circulation function, which uses the natural movement of the vehicle together with the Acid circulation system to reduce acid stratification.

The centralised position and connection of the block elements leads to increased vibration resistance and endurance.

The hot melt resin on the bottom and top of the block elements strengthens the lugs and enhances vibration resistance.

The sealed double lid with an advanced labyrinth system eliminates the need for maintenance and recombines gases to reduce water loss.





RECYCLE WITH
MONBAT®



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