

**Perfect for all purposes,
trustworthy, and safe throughout lifespan**

KV SMF Battery from **TSB** is designed to be outstanding for its look, safety, and function effectively for all real and practical needs.



Comfortable Handle

Comfortable Handle:
designed to fit all usage and protects your hands.



Acid Leakage Free

Acid Leakage Free:
Sealed double lids prevent liquid leakage to ensure maximum safety.



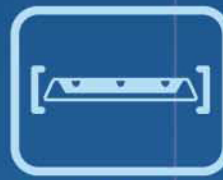
Magic Eye

Magic Eye:
state-of-charge battery indicator displays three distinct stages of a battery's condition, namely satisfactory - full power, fair - charging needed, and low-charge your battery.



Reinforce Housing

Reinforce Housing:
Lattice grid on the side of the battery is designed to prevent the container swelling when battery heats and have high pressure of gas inside the battery coming from the chemical reaction.



Base Hold Down

Base Hold Down:
Base hold down perfectly fits for European cars with bottom handles.



MAZE design



Life Beyond

Durable capacity

Lifetime fussy free

Full performance



Sealed Maintenance Free

Manufactured by:



THAI STORAGE BATTERY PLC.

387 Moo 4, Soi Pattana 3, Sukhumvit Rd., Bangpoo Industrial Estate, Praekasa, Samutprakarn 10280 Thailand
TEL. 0 2709 3535(16lines) FAX. 0 2709 3544-45

Advance technology with long-lasting lifespan

With modern technology and sound engineering design, KV Sealed Maintenance Free Battery (SMF) from TSB has long-lasting lifespan, provides maximum electrical capacity, and ensures quick start. It is also safe and convenient with no distilled water top-up.



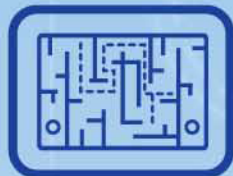
SMF Technology

Genuine SMF Technology is fully sealed lid battery production technology that prevents water leakage and balances acid concentration, thus no need to add distilled water throughout its lifespan.



Corrosion Resistant Grid

Corrosion Resistant Grid: are the lead/calcium grids that can withstand corrosion and consume less water compared to lead/antimony grids, thus keeping proper water level longer than conventional batteries for either general or heavy usage.



Anti Leakage

Anti Leakage System comes with specially-designed maze flow that collects water evaporating from each cell due to heat and chemical reaction. Such flow supports water condensation back into cells.



Minimized Water Consumption

Minimized Water Consumption is guaranteed by sealed double lids, effectively preventing the loss of water during its lifespan and providing convenience for users who don't have to check water level.



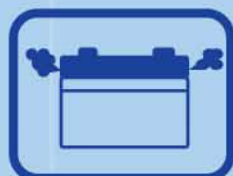
Rapid Cool Down Temperature

Rapid Cool-down Temperature (RCT) system is supported by separation sheets that are durable and withstand high traction, and vertical water circulation system to reduce heat released by grids. The system prevents further damage to battery due to heat overload.



High Cranking Start

High Cranking Start is the result of a perfect combination of internal components within the battery that leads to a complete chemical reaction. With such meticulous formula, KV SMF battery is sure to offer full and maximum power during high cranking start.



Double Ventilation Holes

Double Ventilation Holes quickly and effectively reduce gas pressure resulting from internal chemical reactions and, as a result, prolong the battery's lifespan.



Long Lifespan

Long Lifespan is ensured by balance control of acid concentration and corrosion-resistant grids.

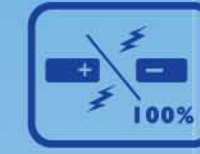
Trustworthy with 100% quality verification

Every KV SMF Battery is 100% verified for high quality and safety throughout operating lifespan.



Leak Proof Test

100% verified with leak-proof test for welding/sealing quality.



Short Circuits Test

100% verified against accidental short circuits.



Cranking Test

100% verified with high cranking test or starting.



Short Circuits Test

100% verified with leak-proof test at 45 degree tilt.

Battery Anatomy

