

Made in Germany  
Quality since 1946

**mOLL**  
BATTERIEN

# **HOT** *climate*



**Heat-resistant. Extremely long-lasting. Reliable.**  
The solution for vehicles in super-hot regions.

**HOT climate** – for great performance at extreme temperatures.

# mOLL **HOT** climate

## Long-lasting Battery for Hot Climate Zones

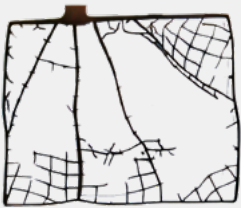
Heat is the battery's greatest enemy. Compared to an outside temperature of 20°C, the stress factors for the battery at 60°C are 16 times higher. Only through a special battery design (grid structure, lead alloy, and active mass formula) can these extreme temperatures be withstood. The **MOLL HOT climate** is specially developed for use in super-hot climate zones and, thanks to its unique construction, offers an unrivaled longer lifespan compared to standard batteries. With the lowest lifecycle costs, it is the best choice for demanding conditions.

## Robust Construction for Extreme Conditions

Highest corrosion resistance, especially at high temperatures, is achieved through special lead alloys and the proven, robust gravity casting technique with reinforced grid design. The use of particularly corrosion-resistant alloys together with specially developed active masses makes the **MOLL HOT climate** the ideal product for hot climate zones.

### Grid Rapid Corrosion Test (75°C)

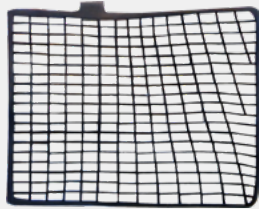
Competitor's punched Grid



Corrosion Layer ~ 300µm



**HOT** Gravity Cast Grid  
climate



Corrosion Layer ~ 100µm



Find all products and even more information in the complete **MOLL** catalog!



## Maintenance-Free Due to Low Water Consumption

Thanks to the calcium grid technology and a special formulation of the active masses, the **MOLL HOT climate** is characterized by very low water consumption and is also maintenance-free. The low self-discharge at hot temperatures additionally contributes to the battery's longevity and reliability.

## Safety and Environmental Friendliness

Highest leak protection is ensured by the use of the patented double lid with ESD-safe sealing plugs. The **MOLL HOT climate** is over 99% recyclable, making it an extremely sustainable product.

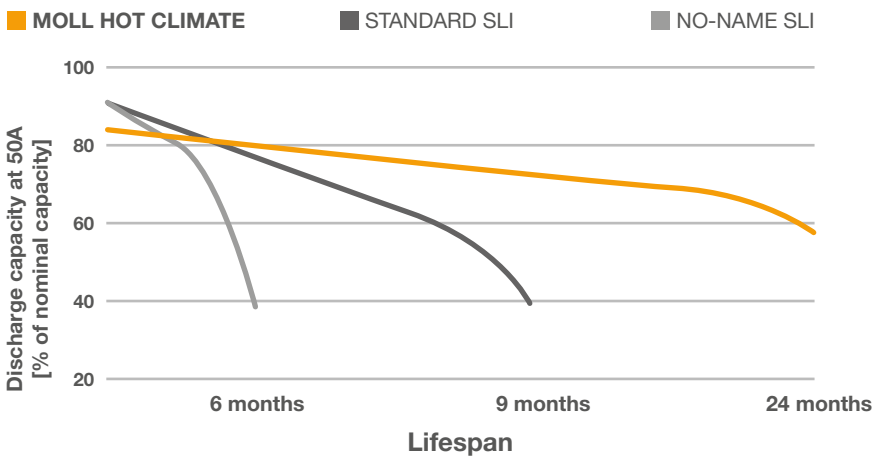
For questions, our sales team is at your disposal:

✉ [service@moll-batterien.de](mailto:service@moll-batterien.de)

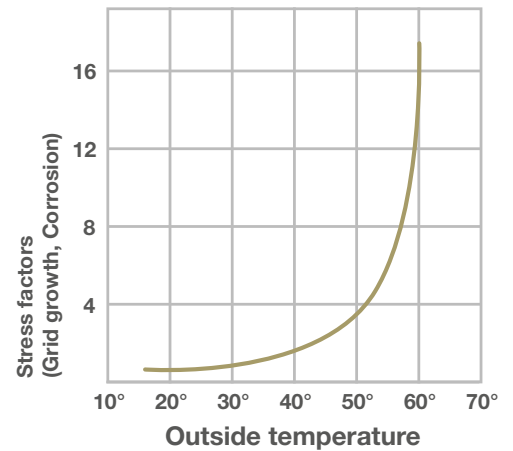
## Why choose MOLL HOT climate?

- ✓ **Extreme Heat Resistance:** Up to twice the lifespan at high temperatures compared to standard batteries.
- ✓ **Original Equipment Quality:** The battery is manufactured to original equipment standards and meets the highest demands for reliability and performance.
- ✓ **MegaGrid Technology:** Highest corrosion resistance for a longer lifespan.
- ✓ **Maximum Leak Protection:** MOLL's patented double lid ensures maximum leak protection.
- ✓ **Lowest Lifecycle Costs.**
- ✓ **Maintenance-free:** lowest water consumption thanks to calcium grid technology.
- ✓ **Temperature Stability:** Low self-discharge even at high temperatures.
- ✓ **Performance Optimization:** Specially developed active masses for improved performance.
- ✓ **Robust design:** Advanced vibration resistance for consistent performance in demanding environments.
- ✓ **Recyclable:** Over 99% recyclable.
- ✓ **Quality Made in Germany:** Reliable German quality and engineering.

### Lifespan in thermal stability test at 75°C



### Stress factors by outside temperature



MOLL Type no	Capacity Ah (20h)	Cold-cranking current A (EN)	Terminal position	Terminal type	Box	Max. outer dimensions [mm]		
						Length	Width	Height
85063	63	540	0	1	H5/L2	242	175	190
85073	73	620	0	1	H6/L3	278	175	190
85083	83	700	0	1	H7/L4	315	175	190
85093	93	750	0	1	H8/L5	353	175	190
85103	103	830	0	1	H9/L6	394	175	190

All specifications according to EN 50342

As of 10 | 2024

# MOLL Original Equipment Manufacturer

## MOLL - Over 78 Years of Success Made in Germany

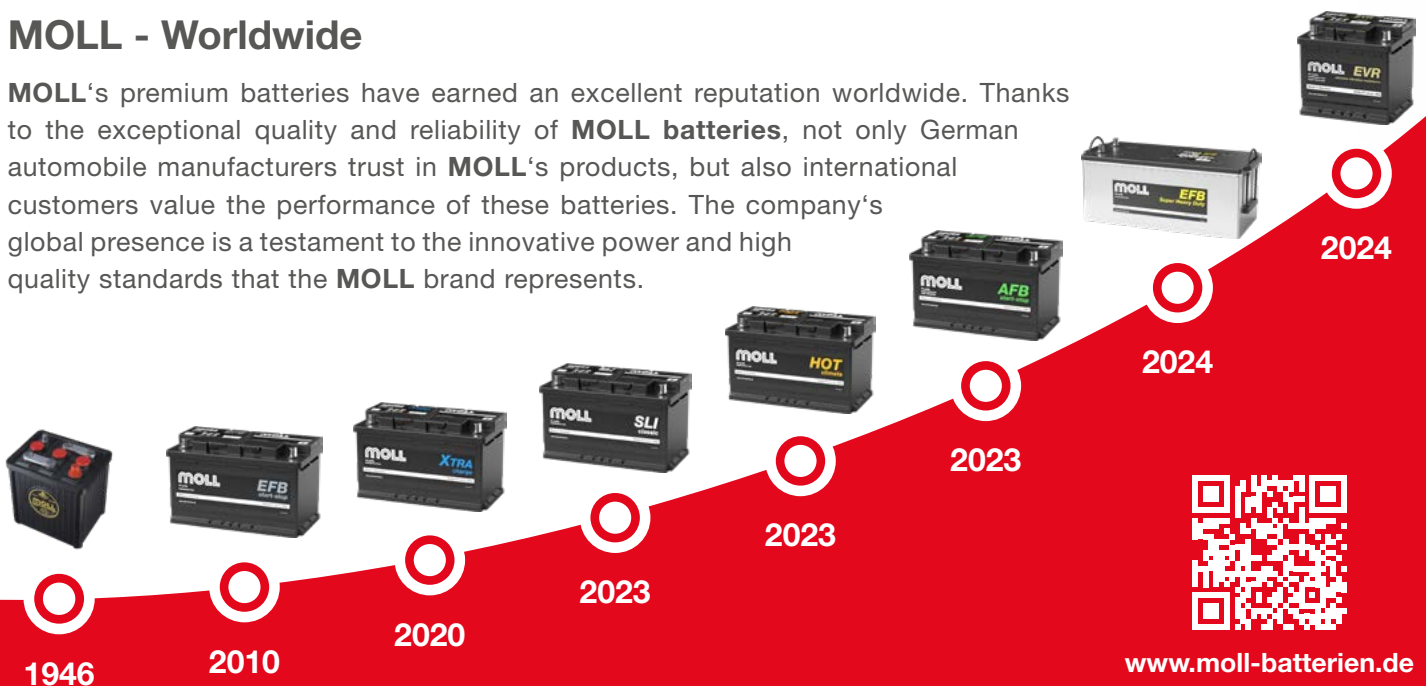
As a specialist, **MOLL** has significantly influenced the entire battery industry through innovations. The success of this medium-sized company is based on technical expertise, practical and future-oriented development, and consistently high quality standards. For decades, **MOLL** has been supplying premium batteries as original equipment for premium brands in the German automotive industry.

## MOLL - The Inventor of Modern Start-Stop Batteries

Since 1946, millions of **MOLL batteries** have left the factory in Bad Staffelstein, Bavaria, for use all around the world. Groundbreaking technical developments with numerous proprietary patents and the highest quality standards in production have been the company's guiding principles from the very beginning. These continue to shape the company's philosophy to this day and guarantee the premium quality of the products in the future. **MOLL** has made a name for itself through continuous innovations and its own patents. Particularly noteworthy is the development of the modern **EFB start-stop battery (Enhanced Flooded Battery)** since 2010. This innovative battery generation was developed to meet high customer demands. With the further development of the **AFB start-stop battery (Advanced Flooded Battery)** technology, **MOLL** is again setting new standards in the aftermarket and offers a smart alternative to the AGM battery, which is surpassed by the **MOLL AFB** in terms of performance, durability, and reliability.

## MOLL - Worldwide

**MOLL's** premium batteries have earned an excellent reputation worldwide. Thanks to the exceptional quality and reliability of **MOLL batteries**, not only German automobile manufacturers trust in **MOLL's** products, but also international customers value the performance of these batteries. The company's global presence is a testament to the innovative power and high quality standards that the **MOLL** brand represents.



## Premium quality for premium brands

**MOLL** supplies renowned automobile and commercial vehicle manufacturers with original equipment, including: Audi, Porsche, Mercedes-Benz, Seat, Škoda, Volkswagen, Ineos Grenadier, Ammann, Delko, Frankia, Hamm, Hammelmann, Holmer, Kaeser, Liebherr, Tadano Faun, Prinoth, Weber MT and many more.



PORSCHE

