



## Thermal Management



**SynErgy**  
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### Contact information

SynErgy Thermal  
Management GmbH

Adlerstrasse 23  
D-4 7798 Krefeld

Tel: +49 - (02151) 97 18 780  
[www.synergy-tm.eu](http://www.synergy-tm.eu)  
[info@synergy-tm.de](mailto:info@synergy-tm.de)

## **Company**

The company provides engineering services in the development of thermal management systems and heat pump systems for electrical vehicles.

## **Products and technologies**

Among their services are concept design, architecture development of coolant and refrigerant loops, 1D-simulation of coolant, refrigerant and HVAC systems as well as vehicle cabins and thermal comfort.

## **Strengths**

Strengths: > 20 years of experience in the development of mobile air conditioning systems, heat pump systems for electrical vehicles and alternative refrigerants. Use of V-model development as well as agile methodology

## **Key differentiators**

detailed knowledge on refrigerant systems and vehicle level requirements

## **Products for the US Market**

Engineering services: concept development, 1D simulation  
Product: simulation library

## **Target clients**

Automotive Tier 1 and OEMS, Small and medium enterprises in the e-mobility field that might have the need for support in the development of thermal management solutions, e.g. fast charging station manufacturers