

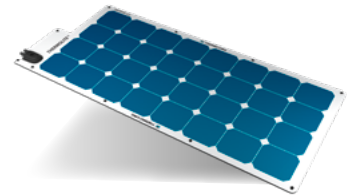


The leading brand in power management solutions

Thermo King Thermolite™ Solar Panels

Edge Sheet

Thermo King Thermolite™ solar modules were put to test* with other popular market options, and emerged as the most reliable solution with the best price-performance ratio for truck and trailer refrigeration units.



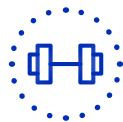
Why choose Thermolite™ solar panels?

- 1 High efficiency
- 2 Extreme durability
- 3 Cost-effectiveness



2X MORE EFFICIENT THAN MARKET

Thermolite™ monocrystalline panels offer 20% efficiency, significantly outperforming similar competitor panels (10-12%) often made of less efficient polycrystalline silicon. To increase efficiency, Thermolite™ utilizes a new-generation MPPT controller, boosting output gain by 20%.



THE MOST RESISTANT TO ROAD CONDITIONS

Thermolite™ flexible PV modules outperformed competitor brands in severe weather testing, maintaining over 99.5% of their initial performance, while others experienced cell cracks and substantial power loss.



BEST VALUE FOR MONEY

The test panel included premium panels, and the Thermolite™ 110W panel performed nearly as well as a competitor's 125W panel, but at a fraction of the cost. By using a Thermolite™ 110W panel to reduce engine operation hours, one customer reported annual fuel savings of 600 EUR**.

* Study conducted by Franhauser Institute for Solar Energy Systems, between September 2023 and February 2024.

** Annual saving per vehicle, trial performed over 6 months on four European routes against four units without solar panels.

Learn more about Thermolite™ and other solar solutions
on europe.thermoking.com

