

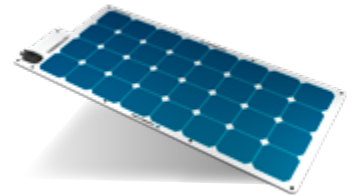


THE LEADING BRAND IN POWER MANAGEMENT SOLUTIONS.

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 convert 20% of the sunlight into electricity. In comparison, the efficiency of similar competitor panels is between 10 to 12%, which can be attributed for some brands to the use of polycrystalline solar panels with fragmented silicon.



THE MOST RESISTANT TO ROAD CONDITIONS

ThermoLite™ flexible PV modules were aged and intensively tested under severe weather conditions, yet demonstrated the most robust behaviour with less than 0.5% performance loss over time, when competitor brands showed cell cracks and severed power loss.



BEST VALUE FOR MONEY

The test panel included premium panels, and the performances of ThermoLite™ 110 W panel were close to a competitor 125 W panel at a fraction of the cost. Using ThermoLite™ 110 W to reduce the operation hours of the unit's engine, one customer observed 600 EUR annual fuel savings**.

* Study conducted by Franhauffer 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

