

## Batteries on refrigeration units lead a tough life.

Batteries live in an extremely harsh environment. Seasonal use and stop/start operation such as Cycle Sentry result in too little engine run-time to complete a charging cycle. Temperature extremes and demanding applications such as sea-going containers can take their toll on battery health.

Batteries become discharged for many reasons. Auxiliary systems such as telematics, sensors and tail-lifts may lead to a unit battery frequently being drained. They soon reach a point where they have been fully discharged so often that they become un-rechargeable, leading to expensive call-outs and jump-starts.

The solution is simple. Thermo King's ThermoLite solar panel will provide enough charge to keep a battery in optimum condition, even where sunlight is limited.



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# ThermoLite™ Solar Panels

Put an end to costly downtime due to battery problems





## Features

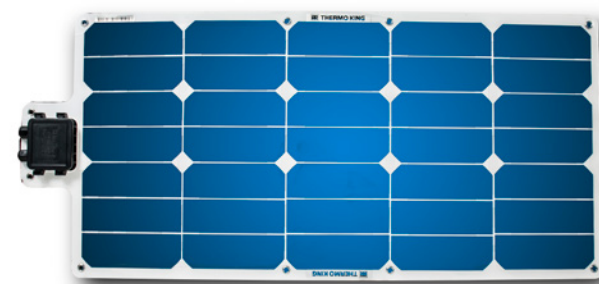
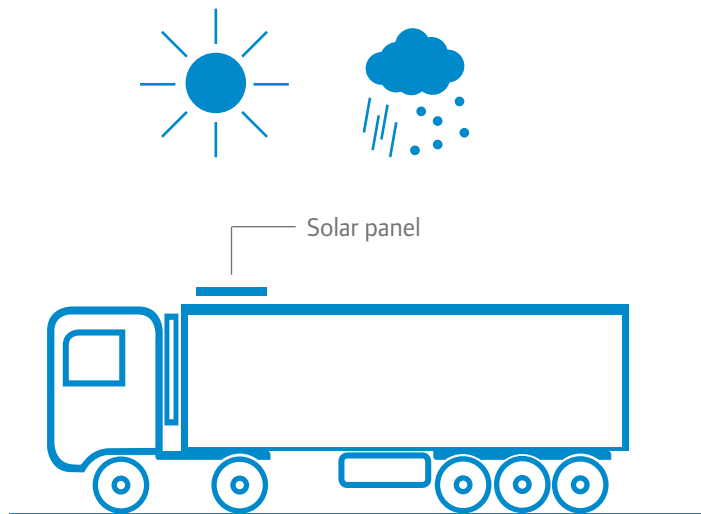
- Generate ample charging current even in low light conditions ensuring that the unit battery will stay charged, even in winter.
- Low profile design for height restrictions & easy installation.
- Fast and flexible installation fitting on any application.
- For extreme durability and resistance to trailer wash and chemical cleaning process.
- Protects battery against overcharging, which is critical to proper battery charging and long term system reliability.
- Full 2 year Thermo King warranty.

## Specifications

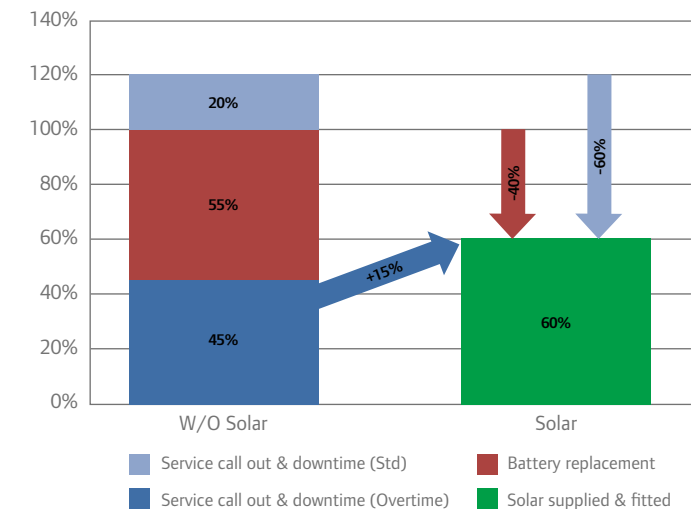
- High efficiency 36 watt rated solar cells rated at 19.9V, 1.88A.
- Modular Lower & lighter profile design Dimension (725\*330\*25 mm).
- Flexible panel (30 degrees) with adhesive backing or screw fixing.
- Weatherproof high IP 65 rated construction.
- Kit includes an automotive approved charger controller.

## Benefits

- A battery in optimum condition, will ensure your unit, will start whenever you need it. Reduces excessive demands on alternators & batteries which can shorten life expectancy.
- Continuously charge your battery even when the unit is off.
- Eliminates unexpected breakdown costs which can be the same cost of a solar installation.
- Saves 40-60% of additional cost due to battery replacement caused by repeated failures.



## Cost of a battery failure\*



\*This does not include the cost of a lost load or business that could increase the above cost.

