



# ThermoLite™ Solar Panels

Power management solution for more  
uptime and less fuel consumption

NOW WITH  
NEW 24V  
MODELS



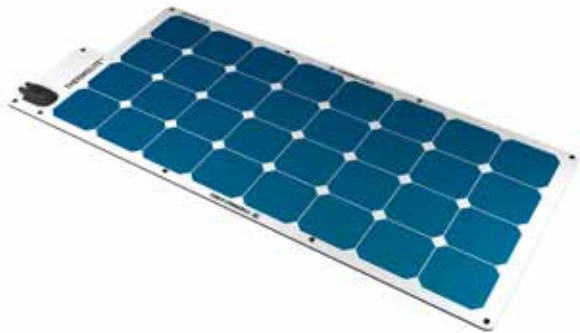
## Harness the power of the sun and eliminate flat battery callouts

ThermoLite® solar panels provide a sustainable power management solution which will increase battery life while reducing fuel consumption and emissions.

Tough, weatherproof panels collect solar energy, even when light levels are low to keep your battery in prime condition. Your engines will no longer operate just to charge the battery, reducing fuel consumption and CO<sub>2</sub> emissions while helping to meet sustainability goals.

## Always covered through combined solar power

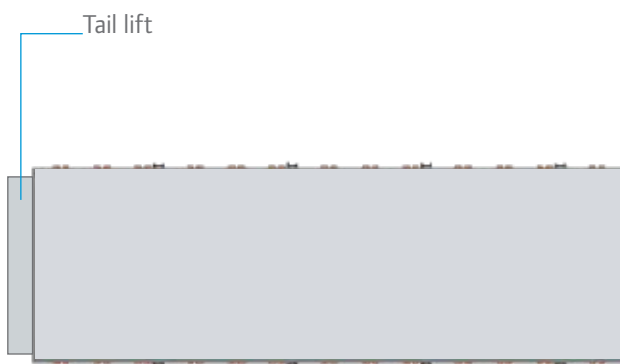
The 12V models (40W&110W) are designed to use on your refrigeration unit (even competitor's unit). With combined solar power, your unit is always doing what you need it to do – protecting your cargo – rather than using energy and fuel to top up its battery. We have extended our range with new 24V kits, for extra performance on tractor and tail lift applications.



# ThermoLite™ Solar Panels

## Features

- Generate ample charging current even in low light conditions, ensuring that the unit battery will stay charged, even in winter.
- Exceptional efficiency delivers greater charge than competitor systems.
- Low profile design for height restrictions & easy installation.
- Simple, rapid 60 minute installation on any application. Kit includes all necessary components under one part number.
- Tests in extreme weather conditions prove exceptional durability of sealed electronics and flexible polymer cells.
- Extreme durability and resistance to trailer washing and chemical cleaning process.
- Full 2 year Thermo King warranty on parts.

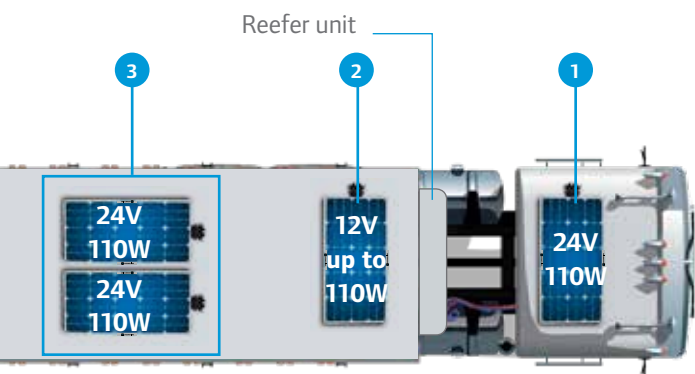


## Applications

ThermoLite™ solar panels are particularly fit for these 3 applications:

- 1 On tractor roof (24V):** Extend your tractor's battery utilization and life and save on battery exchanges, breakdowns and fuel consumption 80W-220W
- 2 For our Thermo King reefer unit (12V):** Stay connected. Extend your battery lifetime, save fuel and CO<sub>2</sub>. Up to 110W
- 3 For tail lift (24V):** Keeps your tail lift running and your batteries charged. Up to 220W

KIT DESCRIPTION	40W	110W
Trailer Refrigeration 12V	401410	401392
Truck Refrigeration 12V	401411	401412
24V Applications	401438	401439
Extension Kit	401444	401440



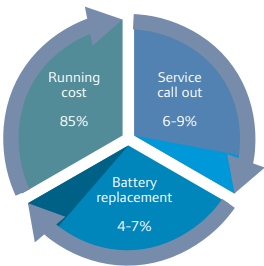
Typical applications



## Specifications

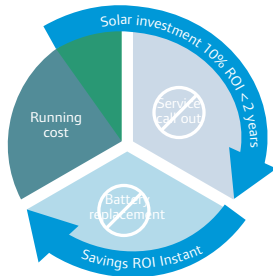
	110W	40W	Comments
VMP	17.6 V	19.04 V	Voltage max power (V)
IMP	6.25 Amp	2.1 Amp	Max power in low light conditions (Amp)
Efficiency	22%		Competitors @ 10-12%
Installation	60 min		One kit
Warranty	2 years		Part only
Dimension	1149x 560x 17.5 mm	725x330x 17.5mm	Low profile to avoid tree branches
Weight	~ 2.5kg	~ 1kg	Ultra Light weight

**Unit without Solar Panel**



- Overtime
- EnergyOne Platinum

**Unit with Solar Panel**



- Fuel savings up to 23%\*
- \*Please contact your local dealer for further information.



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For further information please contact:

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