



Power Management Products

A complete family of power storage, power generation and electrical load management solutions.

The Trane Technologies logo, with 'TRANE' in a large, white, serif font and 'TECHNOLOGIES' in a smaller, white, sans-serif font below it.

TRANE
TECHNOLOGIES



THE SMART WAY TO PRODUCE AND STORE POWER WHEN ON THE ROAD.

FROM LONG HAUL TO DISTRIBUTION, REFRIGERATED TRANSPORT TO DRY, YOUR POWER NEEDS ARE DIFFERENT.



You may be a fleet utilizing telematics or a distribution company with trucks running lift gates and electric pallet jacks multiple times a day. Having enough juice to efficiently power your vehicle while ensuring load integrity can be a challenge. For years both fleets and independent drivers have utilized outdated solutions to stay up and running. Now, there's a better way.

Thermo King's power management platform is designed to cost-effectively produce and manage your power while on the road, keeping your lift gates powered during peak delivery times and your interior trailer lights powered for your entire route. Your local Thermo King dealer can help you find a customized solution for your application and provide you the 24/7 support Thermo King is known for. Keep your business running when it matters most.



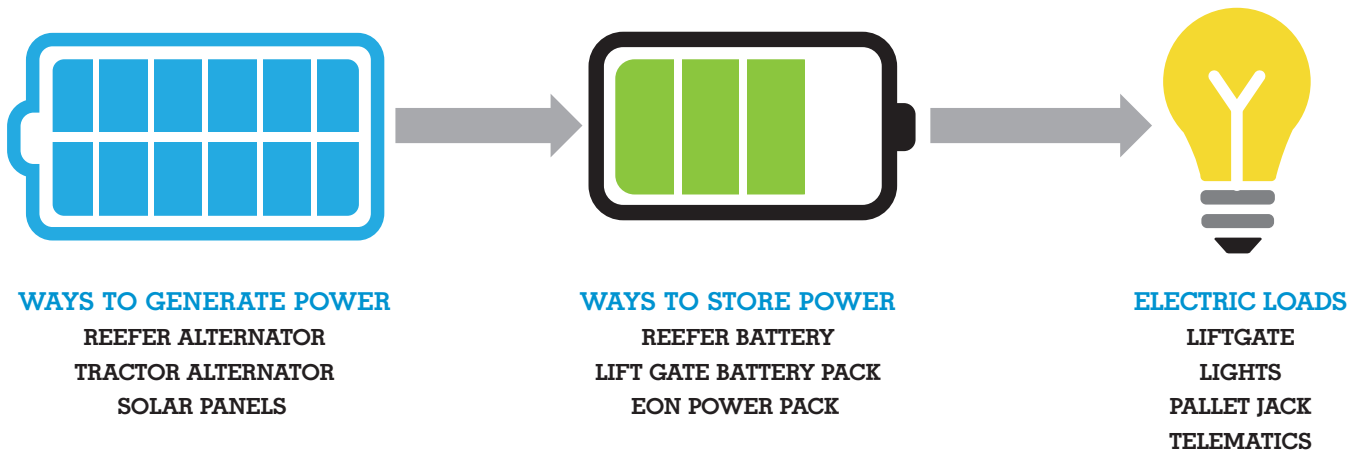
THERMO KING

EXPERTS IN THE POWER MANAGEMENT RELATIONSHIP

The key to optimized power management is understanding the relationship between power generation, power storage and your electrical loads. Between lights, lift gates, pallet jacks, and auxiliary loads like pumps, generating enough power and finding ways to store the power is essential.

MAXIMIZING UPTIME WHILE ON THE ROAD

From small trucks and vans to long-haul refrigerated trailer units, Thermo King will work with you and listen to your challenges, learn about where you want your business to go and find the ideal solution that will help you stay powered while at the same time putting more money back in your pocket.





Whether you're hauling avocados from California to New York or delivering a grocery load from the distribution center to the stores in your area, you're going to have unique power needs. To the right you'll find some typical examples of solutions organized by application. For your specific application, you may only need one or two items or you may need them all. Your local dealer will be there every step of the way to ensure you make the right decision for your business.

THE RIGHT POWER FOR YOU

Application Agnostic Design: 7-way & Solar Charging

Pros: Independent of TRU setup (common spec across fleet)

Cons: Requires tractor to be connected

When to Choose This: Mixed fleets (TRU & dry vs refrigerated)

TRU Focused Design: TRU & Solar Charging

Pros: Self-reliant trailer (does not require connected tractor)

Cons: Incurs more TRU runtime (1-2%)

When to Choose This: When you require more powerful and smarter charging

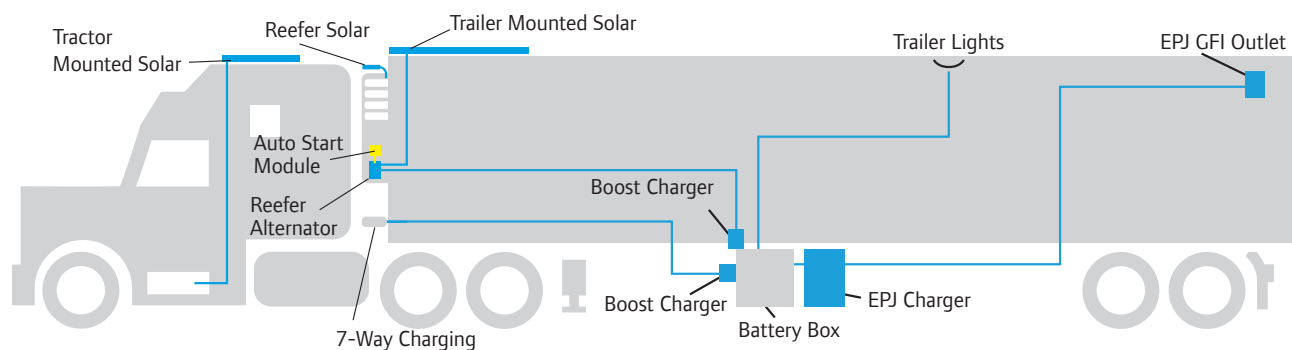
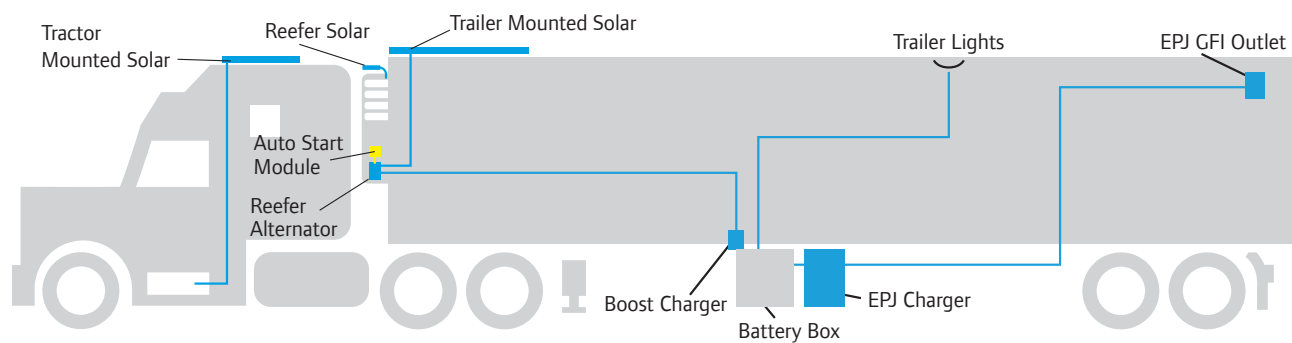
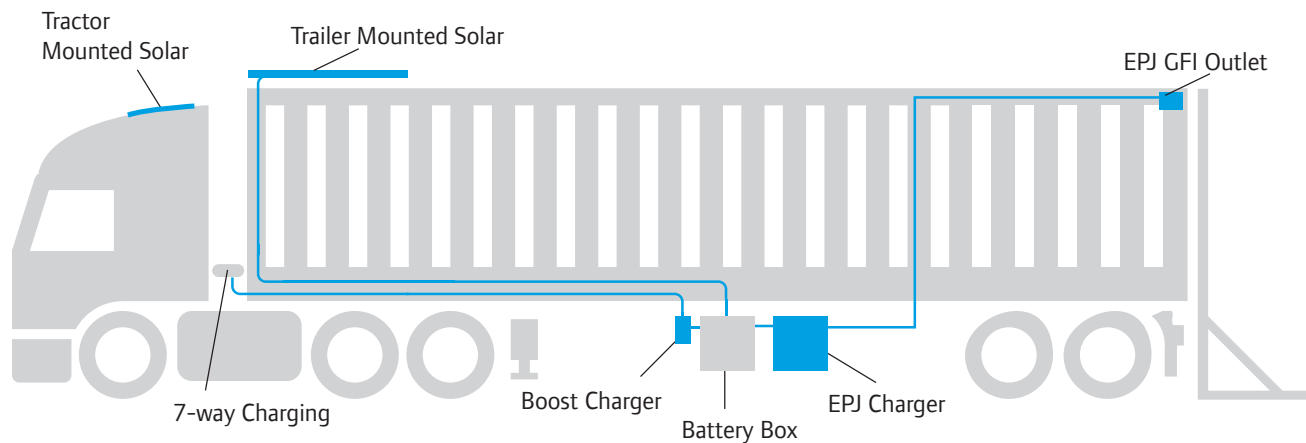
All-In Design: TRU, 7-way & Solar Charging

Pros: Powerful setup and diversified power sources

Cons: More expensive

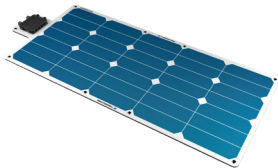
When to Choose This: Applications with the most demanding power needs

POWER MANAGEMENT SOLUTIONS FOR YOUR APPLICATION



Configurations are examples only. See your dealer to determine what products are best for your application.

THERMO KING POWER MANAGEMENT PRODUCT FAMILY:



ThermoLite® SOLAR PANELS

- High-efficiency solar cells produce abundant power
- Keeps reefer batteries charged and prevents costly road calls
- Optimized to off-set controller and telematics loads
- Designed for quick and easy installation
- Works great even in low light conditions
- 20+ year anticipated product life with 5-year product warranty



BOOST CHARGER

- Utilizes power from tractor alternator to smart charge lift gate batteries
- IP69K environmental rating for flexible mounting
- Easy install with no field termination required
- Corrosion-resistant anodized aluminum finish
- 20 Amp and 35 Amp models available
- 2-year unconditional warranty



AUTO START

- Will automatically start the reefer to charge an auxiliary battery bank because of low voltage
- Provides ultimate low voltage protection for auxiliary battery
- Backwards compatible with all Precedent® units



EON POWER PACK

- Keeps lights on when your reefer starts up
- Saves fuel by reducing tractor idling that normally powers interior trailer lights
- Low voltage disconnect prevents draining OEM battery to ensure maximum life
- Protects starting power by isolating from reefer during start-up
- Compatible with Thermo King and numerous competitive refrigeration units



ELECTRIC PALLET JACK (EPJ) CHARGER

- Ensures your electric pallet jack stays charged
- Generates power directly from lift gate battery pack
- Built-in lower voltage protection to preserve liftgate operation
- Hermetically-sealed IP69K waterproof plastic box
- Simple connectors in box for ease of installation
- 3-year warranty



SUPPLEMENTAL ALTERNATOR

- Easily generate power from your reefer alternator
- Dedicated alternator provides more power in a smarter way



OTHER ACCESSORIES



POWER CABLES

- High-grade automotive-rated 2 gauge cables, available in 45 and 60 ft lengths



LIGHT SWITCH TIMER

- Automatic shut-down for no-fuss on/off

PART NUMBERS

Part	Number
30W Solar Panel	
Base 30W Kit	401414
SB Adapter Bracket	401271
Carrier Adapter Kit	903364
40W Solar Panel	
Base 40W Kit	401415
40W Mid Voltage Kit (24/36/48V)	401381
40W Expansion Kit	401416
110W Solar Panel	
Base 110W Kit	401417
110W Mid Voltage Kit (24/36/48V)	401382
110W Expansion Kit	401418
Solar Extension Harnesses	
12 ft DRC Extension Harness	401293
8 ft Extension Harness	422405
25 ft Extension Harness	422406
50 ft Extension Harness	422407
EON Power Pack	
Power Pack Combo Kit	401232
Power Pack for Lights	401233

Part	Number
Liftgate Boost Chargers	
20A Boost Charger Kit	401333
20A 40 ft Harness Kit	401335
20A 60 ft Harness Kit	401336
35A Boost Charger Kit	401334
35A 40 ft Harness Kit	401337
35A 60 ft Harness Kit	401338
Auto Start Module	
Auto Start 8 ft Kit	401354
Auto Start 60 ft Kit	401355
Electric Pallet Jack	
EPJ Base Install Kit	401362
New Trailer Install Kit	401363
Retrofit Trailer Install Kit	401364
Optional Stretch Cable	401365
Cables and Timer	
Harness Kit 8 ft	401376
Harness Kit 45 ft	401223
Harness Kit 60 ft	401224
Dome Lamp Switch	2073132



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit thermoking.com or tranetechnologies.com.

