



TRU-Mount Solar Charging System 27 Watt/2.25 Amp

Durable Panel Generates More Power. Faster.

- Engineered to mount smartly and securely to the top of the Carrier unit
- System combines ultra-pure silicon cells with a high-performance charge controller for optimal power delivery
- 2.25 Amp solar operating current means faster, more complete charging of the refrigeration unit, helping to ensure uninterrupted performance*
- 5-year Limited Warranty on panel output
- U.S. Patent Pending

*Compared to prior Carrier® Solar Technology.





TRU-Mount Solar Charging System

FEATURES & BENEFITS

Carrier's custom engineered solution meets the rigors of harsh transportation environments

Smartly-engineered Solar Panel:

- Full-size, uncut monocrystalline solar cells maximize output and reduce power loss from intermittent shading
- Benefits of EFTE top encapsulation vs. PET coatings
 - Increased light transmission due to low reflectivity
 - Higher UV resistance
 - Higher impact resistance
 - Increased dirt and scratch resistance
- Built-in copper heat sink layer keeps panel temperature cooler for greater power efficiency
- TRU-Mount avoids the TRU air exhaust path, maintaining the efficiency of the TRU
- Solar panel and charge controller perfectly mated for greater power delivery*
- 100% tested for power generation prior to shipping

Fixed Power Point Boost Charge Controller:

- Uniquely matches the output of the panel to the voltage required by the battery
- Charges battery more efficiently, delivering more amps per cell*
- Panel-mounted charge controller designed for easy, time-saving installation

Additional Benefits:

- Fuel savings possible when the Carrier reefer is operating in Start-Stop Mode
- Lightweight and weatherproof
- AGM and wet-cell compatible
- Panels may be eligible for U.S. Federal tax credit
- Backed by Carrier's comprehensive dealer service and support network in North America

Can be used with telematics-equipped reefers, including those using Carrier Transicold Lynx Fleet™ system



PERFORMANCE SPECIFICATIONS

Wattage

27

Solar Operating Current

2.25 Amps

Dimensions:

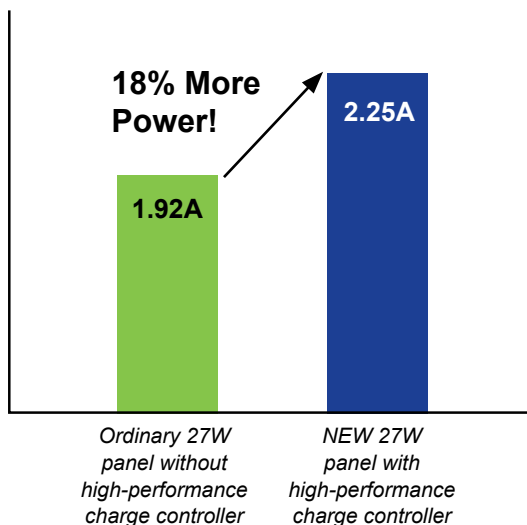
48"L x 7"W

Weight:

2.3 lbs.

Available for X2™, X4™, Vector™ 6000 and 8000 series. Contact your local dealer for respective kit part numbers.

Power Output Comparison (Amps)



More amps than comparable systems, vital for keeping batteries topped off.

Tested Tough

Passed the following:

- Vibration – BS EN 60068-2-64:1993
- Salt Fog – ASTM-B-117-73
- UV Exposure – ASTM D 5017
- Thermal Shock – IEC 61646
- Damp Heat – IEC 61646
- Shock – meets Carrier's standard
- Hail Tested – <2% power drop in up to ¾" simulated hail
- RoHS Compliant
- CE Certified
- IP 67 rated

www.carrier.com/tru-solar

Panels may be eligible for U.S. Federal tax credit.

**Compared to prior Carrier® Solar Technology.*