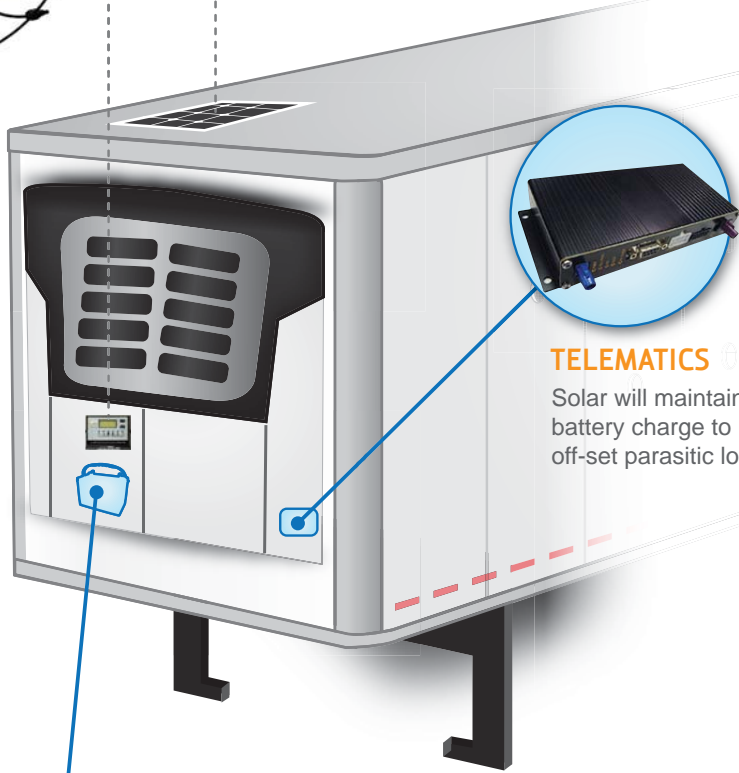


Create a SMART trailer with a Solar Charging System



powered by carmanah®

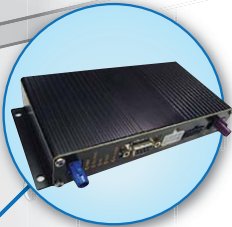
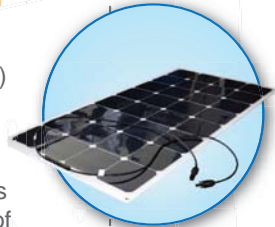
An independent and self-contained solar/battery system in a trailer can power lights, monitoring equipment and recharge a separate battery bank without the burden of connecting to a cab.



POWER GENERATION WITHOUT IMPACTING HEIGHT

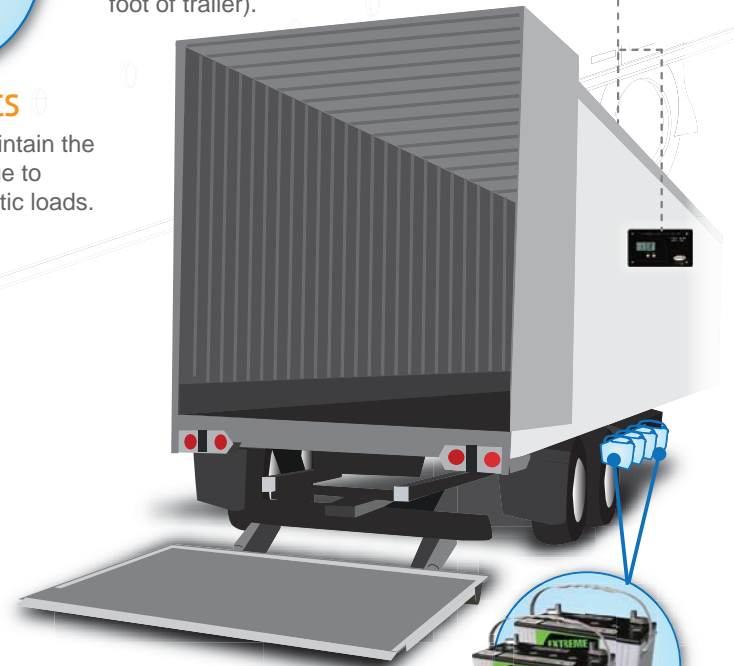
Solar Flex modules are flat (1/8" thick) and made from a durable (marine-grade) material.

A 53' trailer can accommodate dozens of modules and produce 280+ amps of DC power per hour (100 watts for every foot of trailer).



TELEMATICS

Solar will maintain the battery charge to off-set parasitic loads.



REFRIGERATION UNITS

Eliminate the need for jump-starts - solar ensures a constant charge to the battery bank.

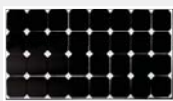
During long periods of trailer inactivity, batteries remain topped-up and ready.



LIFT GATE

Solar provides a continuous trickle charge to the battery bank 7 days a week while driving or during stationary periods.

How Solar Power System Works



solar module

DC power



solar controller



battery



DC to AC power inverter

AC power

