

# Solar Trailer Benefits



- Can be used with hybrid, all electric tractors, and other fuel savings technology.
- Solar-powered auxiliary propulsion system for large commercial trucks.
- Converts solar energy into useful torque for the trailer wheels .
- Assists with initial acceleration and helps to maintain highway speeds
- Reduces wear and tear on the engine while also limiting Greenhouse Gas Emissions
- Helps reduce fuel consumption, saving trucking firms or owner operators money.
- May also be used in powering auxiliary equipment, such as a refrigeration on a refrigerated trailer and support hotel loads for the tractor.
- Auxiliary propulsion system works with other fuel-saving methods (such as hybrid and electric tractors); compatible with solar grids for energy-cost reduction and financial incentive.
- It can provide power to warehouses or local grid
- Assists brakes in the braking of the trailer which helps reduce brake wear.