

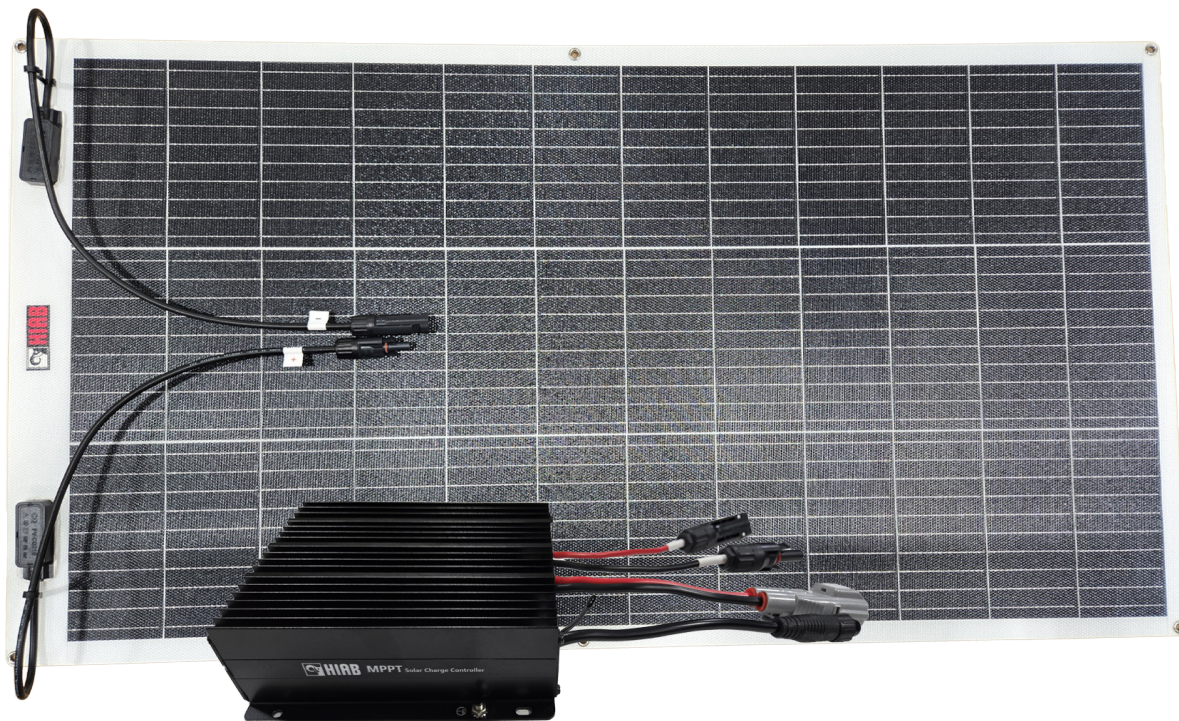


# **WALTCO SOLAR CHARGING SOLUTION**

## **MAXIMIZE THE USE OF YOUR LIFTGATE**







# STAY CHARGED

Research shows that most road calls are related to power failures. The WALTCO Solar charging solution resolves this problem by generating power through solar panels on the roof of your truck or trailer and storing it in your liftgate battery.

- Unlimited energy source
- Power generation without marginal cost
- Supports battery charging to optimum level
- Charging continues even when your vehicle is stationary
- Never overcharges
- Suitable for retrofits and new equipment

**SOLAR**   
**CHARGER**

## Diesel vehicles and trailers

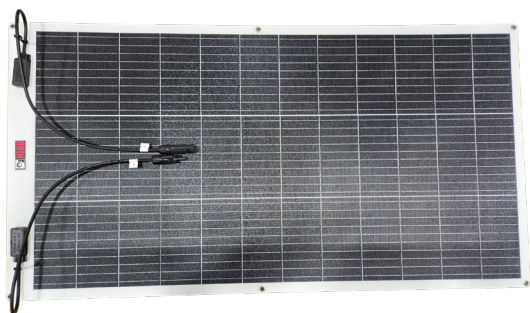
Maximize the use and service life of your liftgate while keeping battery performance and reducing emissions.

- Extend battery life by maintaining optimum health
- Protect your liftgate by avoiding voltage drops
- Reduce emissions by avoiding idling
- Avoid start up issues with optimal charge
- Charging source independent of tractor
- Optional Dual Charger kit for charging and maintaining 24V pallet jack batteries

## Electric vehicles

Maximize the use of your liftgate while protecting the range of your electric vehicle.

- Preserve your vehicle range when using your liftgate
- Provide additional power to support 12V auxiliary equipment



## Solar panels

The lightweight solar panels are simple, modular, and easy to install. They can be configured to fit all kinds of trucks and trailers without affecting unit overall height.



## Solar controller

With a controller to prevent overcharging, your battery lasts up to 50% longer and the only maintenance it needs is an annual inspection.

# WHY CHOOSE SOLAR POWER?

The sun's power is unlimited, making it our most reliable energy source. It's clean, cost-effective, and infinitely renewable. More importantly, with solar power your liftgate battery never dies. It keeps charging even when your vehicle is stationary, and never overcharges. All this means you can put an end to downtime caused by power problems and maximize the uptime of your fleet.

Issue	Without Solar	With Solar
Liftgate failure due to power problems	Service call \$500 – 700. Truck reload 2 – 4 hours	No power failure
Vehicle idling to produce power	Fuel costs 25 – 100 dollars/day	Zero fuel costs
Battery replacement	6 – 18 months	3 – 5 years
Liftgate cycles/day	10 – 30 cycles depending on drive time	Up to 25 additional cycles per day (200 W)*

\* Based on a 200 W system in Great Lakes Region

## Specification

System charge voltage	12V	24V
Max rated system charge current	30 Amp	
Max system input Power	400W	800W
Max system input Voltage	100V (4 solar panels connected in series)	
100W panel voltage	21V	
100W panel dimensions	40.5" x 21.5" x 0.1"	
Weight of Liftgate Charge Kit	21-25 lbs.	
Weight of Dual Charge Kit	47-58 lbs.	

## Outstanding and proven solution

- Intelligent solar controller
- Cells on panels won't crack
- One cell broken – remaining cells on panel keep working
- 5 years of positive experience mounted on vehicles and trailers with WALTCO liftgates in North America
- 5 year warranty





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