

## SOLAR CHARGING

Uses Maximum Power Point Tracking (MPPT) Technology



The “green” way to charge your batteries

## BENEFITS

- Extends battery life by maintaining higher state of charge
- Provides three-stage charging that works in conjunction with the electrical system of the cab or trailer
- Reduces the electrical load on the alternator and the mechanical load on the engine, thus realizing fuel savings
- Uses easy-to-read indicator lights to show charging status
- Helps liftgates and other equipment run better and require less maintenance
- Maximizes number of liftgate cycles
- Minimizes battery-related road service, downtime, and delivery delays
- Increases driver comfort by reducing auto-start events (and thereby reducing idle noise)

To place an order, or for more information, call 1-800-219-1269

[WWW.PURKEYS.NET](http://WWW.PURKEYS.NET)

[INFO@PURKEYS.NET](mailto:INFO@PURKEYS.NET)

**CHOOSE THE AMOUNT OF POWER  
YOU NEED** →

**AVAILABLE IN**

- 110 W 
- 220 W 
- 330 W 



Provides power to your batteries whether the vehicle is on or off



Increases charging efficiency up to 30% compared to a Pulse Width Modulated (PWM) controller



Includes world-class service

## Solar Panel

- Up to 30° of flexibility
- PERC technology
- 5 Busbar technology
- ETFE protection

## ROI CALCULATOR

### Assumptions

Days on the road per year: 300  
Road call cost: \$1,000  
Truck idle: 10% of the day  
Fuel used per hour idle: 1 gallon

### Payback Period

2 Panels on Trailer: 17.57 months  
2 Panels on Truck: 7.64 months  
5 year ROI (\$)  
2 Panels on Trailer: \$ 4,108.83  
2 Panels on Truck: \$9,729.41  
5 year ROI (%)  
2 Panels on Trailer: 295%  
2 Panels on Truck: 785%

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