



eNow solar systems can virtually eliminate dead batteries on buses.



Advanced Solar Battery-Charging Systems

7 ways you will save:

- Eliminate most jump starts
- Reduce downtime and road service from dead batteries
- Extend battery life by 2-3 times or more
- Reduce fuel costs from idling to charge batteries
- Reduce load on engine alternator
- Reduce overall maintenance costs
- Get 100% payback in 12-18 months

Eligible for 26% solar investment tax credit (as of Jan. 2021)

Why eNow?

Advanced eNow solar systems are engineered to deliver more battery-charging power, more efficiently than any other system. They are built-to-last and field tested to provide exceptional reliability under all conditions. eNow system performance has been proven by thousands of drivers of heavy-duty trucks, trailers and commercial buses throughout North America.

eNow's rugged solar panels and "smart" MPPT charge controllers are designed to maintain an optimal charge on all types of batteries. Today, eNow solar systems make both economic *and* environmental sense.

"eNow systems pay for themselves in months, and reduce my O&M costs every year." – Large Fleet Maintenance Manager



HIGH PERFORMANCE, PATENTED eNOW TECHNOLOGY.

- The most advanced, solar-powered battery charging system available
- Proven reliability with extensive testing, including IEC certification
- Maximum Power Point Tracking (MPPT) technique and multi-cell level diodes deliver optimal charging power, even in low-light
- Optimized for all buses and medium to heavy-duty trucks, trailers and military vehicles
- Charges any 12-24VDC flooded lead acid, AGM, gel or lithium ion battery systems
- Fully charges auxiliary batteries without assistance from other sources
- Superior durability, salt and corrosion resistant, withstands the elements and bus washes
- Solar panels have ETFE outer layer so snow, dirt and debris brush off
- Panels are lightweight (only 8 oz./sq.ft.), semi-flexible and aerodynamic (just 0.125 inch thick)
- Roof-mounted solar panels provide a silent, invisible, emissions-free source of renewable energy.

APPLICATIONS FOR SCHOOL BUSES

Most battery-charging applications on school buses require a single eNow solar panel to maintain both starter and auxiliary batteries for a combination of systems such as telematics, communications and lighting.

For heavy-duty electrification applications, multiple eNow panels installed in series can optimize battery-charging performance and combat parasitic loads from auxiliary devices and electronic systems.

eNOW SYSTEMS INCLUDE

eNow solar panel(s), heavy-duty wiring harness, MPPT charge controller, disconnect switch and fuses, installation guide.

Product warranty: 1-year parts and labor

eNOW CHARGE CONTROL – 360W only

Nominal Battery Charge:	12 VDC and 24 VDC, auto-sensing
Max. Charge Power:	390W for 12 VDC, 780W for 24 VDC operation
Battery Charging Profile:	4 Mode Charging (bulk, absorption, float & equalization)
Charger Control Algorithm:	Maximum Power Point Tracking
Operating Temperature:	-40 to +140°F (-40 to +60°C)
Includes:	Wiring harness, disconnect switch, fuses, wire mold

eNOW PANEL SPECS

Description:	110 or 360 Watts
Type of Cells:	Multi-crystalline cells
Junction Box Location:	Top-mounted
Installation:	Adhesive-back permanent mounting
Weight:	8 ounces per square foot [.227 kg per square meter]

110-Watt Panel: 74 X 15"

**360-Watt Panel
78.5 X 39.2"**

POWERING POSSIBILITIES



205 Hallene Road, Warwick, RI 02886 P: 401 732 7080 E: info@enowenergy.com