

# Volta Power Systems

## More Power, More Accessories, More Fun

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### The Benefits: Environmental

For this road trip we compare the benefits of the Volta Energy Storage Systems to the traditional lead acid AGM battery pack used today to provide power.

It would have been next to impossible to run the A/C system off of AGM battery systems because the draw would have been too much for lead acid system to supply. Almost all coaches today require generator power or shore power to be supplied in order to run the roof A/Cs. The amazing efficiency and power capability of the Volta system makes it possible to run the A/Cs without the need of a generator while the main engine is on and when you power down you can continue vehicle operation for hours before needing a secondary energy source.



#### Emissions

Using the Volta Energy Storage System we did not need to use a 21kW generator which produces CO2 as emission. On an annual basis we would have reduced our CO2 emissions by over 700 tons or 1.4M lbs of carbon emissions.

While we cannot put a price tag on this benefit we have calculated that you would need to plant an additional 3690 trees to make up for the increased CO2 emissions of just one RV on the road using these accessories.

#### Noise

Our energy storage system is quiet. Gone are the days of the generator background noise. The National Park Service Sound Level Requirements. System mandates that any noise must be below 60 decibels at a distance of 50 feet. Most generators run at 60-70 decibels. <http://www.nps.gov/deva/parkmgmt/rules-and-regulations.htm>



#### Anti Idling

Have you heard the news on the EPA's anti idling laws? If you stop your vehicle for more than 5-10 minutes you have to turn the engine off or face large fines. The same thing is occurring in campgrounds across the country where you are not allowed to run your generator after sunset due to noise pollution.

The Volta Energy System is compliant to Anti Idling laws.

### MORE Compliance

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