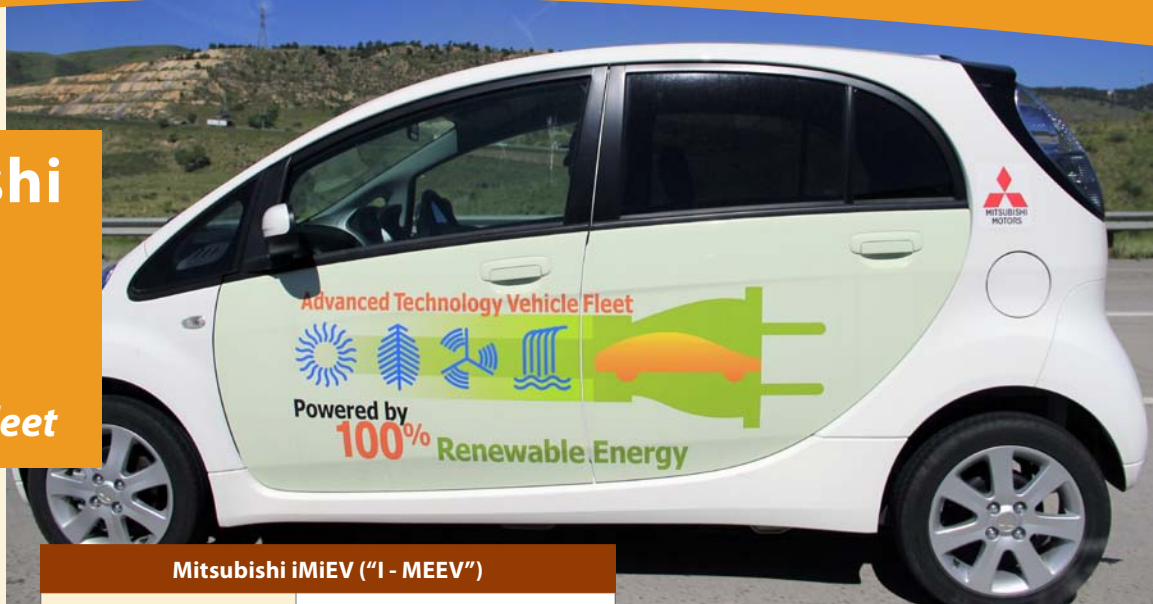


# The Mitsubishi iMiEV

An electric mini-car in NREL's advanced technology vehicle fleet



## Highlights

NREL's advanced vehicle fleet features promising technologies to increase efficiency and reduce emissions—all without sacrificing safety or comfort. The fleet serves as a technology showcase, helping visitors learn about innovative vehicles that are available today or are in development. Vehicles in the fleet are representative of current, advanced, prototype, and emerging technologies.

Mitsubishi iMiEV ("I - MEEV")	
Curb Weight	2376 lb
Length	144.8 in.
Width	62.4 in.
Height	63.6 in.
Peak Motor Power	66 hp
Motor Location	Rear
Engine Power	N/A
Electric Range	85 mi
Seating	4 people
Payload	13 ft <sup>3</sup>
Electric Top Speed	80 mph
U.S. Debut	2011 yr
Battery Capacity	16 kWh
Battery Voltage	330 V
Battery Life Expectancy	10 yr or 160,000 km
Charging Standards	CHAdeMO and non-standard (Level 1 & 2)
Transmission	Single fixed reduction gear
Drive	Rear
Drag Coefficient	0.35
Wheel Sizes	15 in.

Mitsubishi iMiEV electric vehicle.  
Photo by Michael Penev, NREL/PIX 19239

The National Renewable Energy Laboratory (NREL) recently added a Mitsubishi iMiEV electric vehicle to its advanced vehicle fleet. In support of the U.S. Department of Energy's fast-charging research efforts, NREL engineers are conducting charge and discharge performance testing on the vehicle.

NREL's vehicle is the Japanese version of a similar electric vehicle—dubbed the "I"—that will make its debut for sale in the U.S. later this year.

**References:**  
[www.mitsubishi-motors.com/special/ev/whatis](http://www.mitsubishi-motors.com/special/ev/whatis)



## Contacts

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Learn more about NREL's advanced technology vehicle fleet:  
[www.nrel.gov/vehiclesandfuels/project\\_advanced\\_technology.html](http://www.nrel.gov/vehiclesandfuels/project_advanced_technology.html)

## National Renewable Energy Laboratory

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NREL is a national laboratory of the U.S. Department of Energy Office of Energy Efficiency and Renewable Energy Operated by the Alliance for Sustainable Energy, LLC

NREL/FS-5400-48528 • October 2011

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