

**i MiEV**

MITSUBISHI INNOVATIVE ELECTRIC VEHICLE

For the Green and Sustainable Future

[www.new-imiev.com](http://www.new-imiev.com)



**Over 2000**  
Vehicles delivered\*

**Over 50**  
Partners

### i-MiEV, for a new global atmosphere

The journey has begun to a new world where cars are clean and quiet, and i-MiEV is leading the way. 100% electric, yet offering surprising power and a smooth, quiet ride, i-MiEV is redefining the way the world drives. A green, sustainable lifestyle is on the horizon. i-MiEV takes you there. \*As of July 2010



Some of the equipment may vary in appearance or availability according to market.

### i-MiEV, for a new journey **100** % Electric



#### Drive powerful and passionate

Small size doesn't have to equal small performance. The lightweight, highly efficient permanent magnet synchronous motor delivers strong and linear acceleration and surprising passing power with a maximum 180N-m of torque which is equivalent to a 2-litre vehicle. And thanks to the low centre of gravity, the i-MiEV has great handling performance.

#### Drive clean and green

You won't find a tail pipe on the i-MiEV. That's because it's 100% electric, so there are zero emissions released while driving. And that's good news for the environment – zero emissions means zero pollution and zero CO2 released into the earth's atmosphere. It also means no more trips to the petrol station. Just charge and go. It's the greenest way to drive.

#### Drive smooth and calm

Hear that? It's the sound of peace and quiet. The i-MiEV features a silent motor and produces very few vibrations while driving – vibrations are eliminated completely when at a stop light. Best of all, the cabin even remains quiet during acceleration, so you and your passengers are assured a pleasurable ride in any driving condition.

#### Drive efficient and intelligent

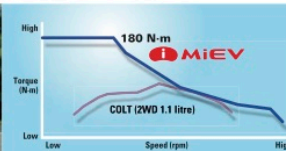
The i-MiEV is the ideal vehicle for commuters worldwide. Plug the empty i-MiEV into your household power source and you'll wake up to a full charge with a 150km cruising range while you sleep. Furthermore, with the quick-charger system, you can go from empty to 80% charged in just 30 minutes. It's fast, efficient and more economical than a trip to the pump.

**0** CO<sub>2</sub>

**180** N·m

**0** Engine Noise

Single-charge cruising range  
**150** Km



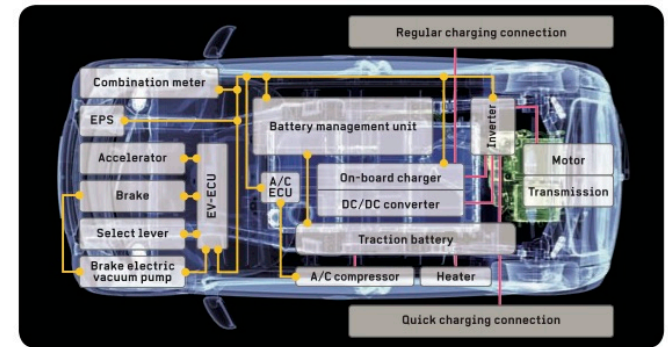
## i-MiEV, for innovations that make sense

### The advanced MiEV OS means integrated control

The next-generation vehicle management has a name: the MiEV OS (Operating System). By performing vital tasks such as monitoring battery status and energy recovery by the regenerative brake function, and ensuring smooth and powerful driving, the MiEV OS enhances safety, comfort and energy efficiency. This is the kind of thinking that led to the i-MiEV being given the “Most Advanced Technology” award at the “2009 – 2010 Car of the Year Japan” final judging.

### Visualise a smarter ride

The combination meter panel: an easy-to-read visual display of power consumption and energy recovery status, an energy level gauge and a cruising range indicator displays the estimate of how far the i-MiEV can be driven.



#### Power down warning lamp

When the battery power is near zero, the power down warning lamp illuminates to alert you. To save energy, the blower fan will continue, but the A/C will stop automatically.



#### Energy level gauge with low energy warning indicator

When the battery only has 1/8 of its charge remaining, the low energy warning indicator flashes to let you know the battery needs to be recharged.



#### Eco and charge zones

Maintaining driving speed in the ECO Zone will help increase driving distance. While in the Charge Zone, the indicator informs you that the battery is being charged.



### Two-way battery charging means easy powering

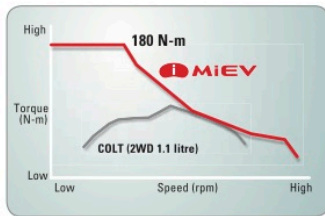
At home or around town, charging the i-MiEV is as simple as plugging in. The batteries can be filled to capacity in as little as 8 hours with the household charging system. Even more amazingly, the quick-charging system fills batteries to 80% capacity in only 30 minutes. Clean, efficient and safe, you'll never miss the pump once you go electric.



\*Quick charging facility not available in Malaysia.

## POWERFUL, SMOOTH RUNNING

The lightweight permanent magnet synchronous motor combines high efficiency with surprisingly strong and linear acceleration for easy passing power, while rear wheel drive increases handling performance. Producing a maximum 180N-m of torque and boasting a top speed of 130km/h, the i-MiEV is never slow to respond to your command.



## High-capacity lithium-ion batteries mean an impressive range

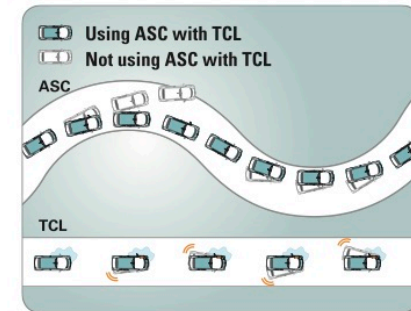
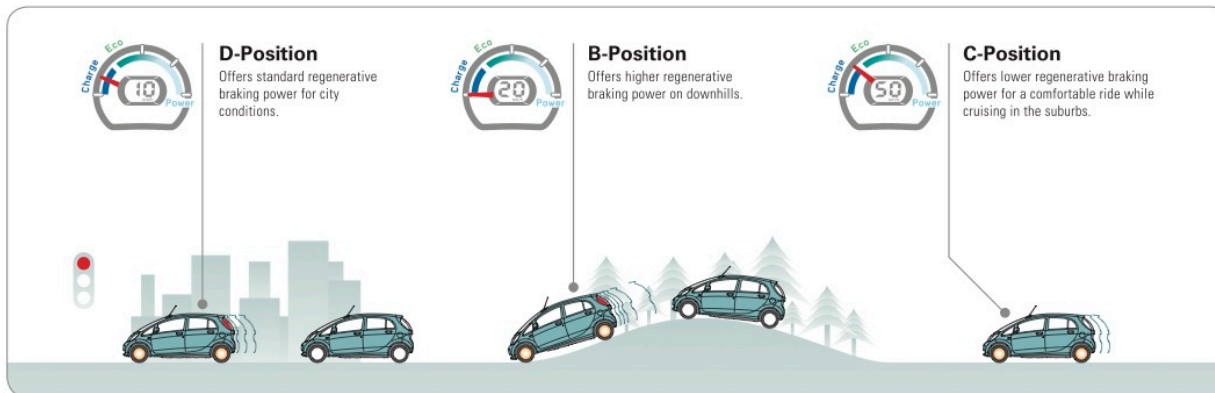
Efficiency is the keyword for the i-MiEV's high-density lithium-ion batteries which offer an impressive 150km cruising range per charge. The battery pack consists of 88 cells and features a number of safeguards including a monitoring system to prevent leakage and maintain an even current. Furthermore, the battery pack is located under the i-MiEV's floor, creating a lower centre of gravity and higher overall stability.



## ADVANCED, ASSURED, i-MiEV

### Regenerate power while you brake

The regenerative brake function begins the moment you take your foot off the accelerator pedal, storing kinetic energy in the traction battery. The amount of energy stored depends on deceleration, which is determined by the shift position. In addition, when you depress the brake pedal, regenerative brake power is increased. The regenerative brake function is effective for increasing the driving range.



## ASC with TCL keeps the i-MiEV in line

When steering suddenly to avoid an obstacle, the MiEV OS-controlled Active Stability Control (ASC) minimises unstable movements such as over steering and under steering. In slippery conditions, the TCL (Traction Control) system restrains traction slip to improve acceleration stability. And because ASC with TCL is optimised for electric vehicles, it even increases stability during regenerative braking.

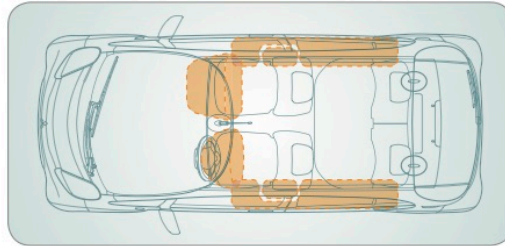
## CRUISE IN SAFETY

More than just a showcase of environmental responsibility and driving pleasure, the i-MiEV also offers a number of safety features for greater peace of mind and a confident cruise.

### Airbags

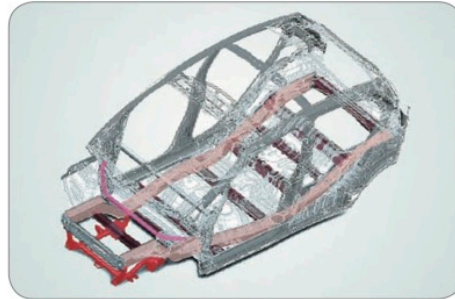
#### Impact protection

A total of six SRS airbags help protect the driver and passengers in the event of a collision.



#### Rise body construction

Mitsubishi's exclusive RISE (Reinforced Impact Safety Evolution) body construction absorbs impact while providing a rigid occupant cell during a collision.



#### Advanced safety for battery

The i-MiEV's batteries are placed in a waterproof battery pack that is located inside the body frame and enclosed in a well-crib frame to protect against impact damage from any direction.

Note: Battery pack shown is for RHD markets.



## COMPACT, UNIQUE, i-MiEV

### Overall Length

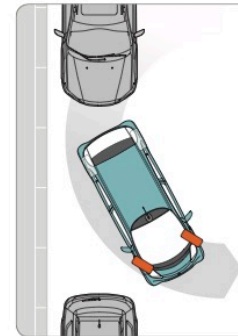
3475 mm

### Long Wheelbase

2550 mm

### Sweet and stable

The i-MiEV is only 3,475mm from end-to-end, making it eye-catching and just the right size for the city. Short front and rear overhangs add to the unique futuristic styling. And with 15-inch wheels and a 2,550mm long wheelbase thanks to the rear-midship layout, overall balance and stability are increased, letting you cruise with confidence wherever you are. Even more, the battery pack is placed under the floor to provide a lower centre of gravity for smooth handling like you'd expect from a luxury car.



### Tight Minimum Turning Radius

4.5 m

### Make the turn

The i-MiEV's nimble 4.5-metre turning radius takes the trouble out of city parking where narrow spaces are a fact of life. Getting in and out of tight spots is a breeze with the i-MiEV, which is just perfect for city cruising.



### The new look

Have you seen the EV future? Just follow i-MiEV's cute shape from the friendly front to the tail pipe-free back and there it is. Discover the car with a human touch.

# Since 1966

## The road to green: Mitsubishi's innovative EV history

For over forty years, Mitsubishi Motors has been promoting electric vehicles. The time has come. The i-MiEV is the culmination of our dedication and efforts. After 500,000km of tests on public roads worldwide and over 2,000 i-MiEVs already delivered, the era of electric vehicles has truly arrived.

