



Electric Vehicle Technology Explained

By James Larminie, John Lowry

[Download now](#)

[Read Online](#) 

Electric Vehicle Technology Explained By James Larminie, John Lowry

While the classic battery electric car continues to make only a small impact on the automobile market, other types of electric vehicle, especially hybrids, have made significant and promising improvements. Moreover, small battery electric vehicles such as bicycles and mobility aids are also developing well. Presenting more than 160 diagrams and pictures, this book explains the science and technology behind these important developments, and also introduces the issues that underpin the design and performance modelling of electric vehicles.

Electric Vehicle Technology Explained:

- Encompasses a full range of electric vehicles: bicycles, mobility aids, delivery vehicles and buses – not just cars.
- Covers all the basic technology relating to electric road vehicles – batteries, super capacitors, flywheels, fuel cells, electric motors and their controllers, and system design.
- Considers the environmental benefits and disadvantages of electric vehicles and their component devices.
- Includes case studies of a range of batteries, hybrids and fuel cell powered vehicles, from bicycles to buses.
- Offers many MATLAB® examples explaining the design of appropriate computer prediction models.

Professionals, researchers and engineers in the electric vehicle industry as well as advanced students in electrical and mechanical engineering will benefit from this comprehensive coverage of electric vehicle technology.

 [Download Electric Vehicle Technology Explained ...pdf](#)

 [Read Online Electric Vehicle Technology Explained ...pdf](#)

Electric Vehicle Technology Explained

By James Larminie, John Lowry

Electric Vehicle Technology Explained By James Larminie, John Lowry

While the classic battery electric car continues to make only a small impact on the automobile market, other types of electric vehicle, especially hybrids, have made significant and promising improvements. Moreover, small battery electric vehicles such as bicycles and mobility aids are also developing well. Presenting more than 160 diagrams and pictures, this book explains the science and technology behind these important developments, and also introduces the issues that underpin the design and performance modelling of electric vehicles.

Electric Vehicle Technology Explained:

- Encompasses a full range of electric vehicles: bicycles, mobility aids, delivery vehicles and buses – not just cars.
- Covers all the basic technology relating to electric road vehicles – batteries, super capacitors, flywheels, fuel cells, electric motors and their controllers, and system design.
- Considers the environmental benefits and disadvantages of electric vehicles and their component devices.
- Includes case studies of a range of batteries, hybrids and fuel cell powered vehicles, from bicycles to buses.
- Offers many MATLAB® examples explaining the design of appropriate computer prediction models.

Professionals, researchers and engineers in the electric vehicle industry as well as advanced students in electrical and mechanical engineering will benefit from this comprehensive coverage of electric vehicle technology.

Electric Vehicle Technology Explained By James Larminie, John Lowry Bibliography

- Sales Rank: #1451508 in Books
- Published on: 2003-12-08
- Original language: English
- Number of items: 1
- Dimensions: 9.86" h x .94" w x 6.79" l, 1.26 pounds
- Binding: Hardcover
- 296 pages

 [Download Electric Vehicle Technology Explained ...pdf](#)

 [Read Online Electric Vehicle Technology Explained ...pdf](#)

Download and Read Free Online Electric Vehicle Technology Explained By James Larminie, John Lowry

Editorial Review

Review

"...a comprehensive review...logically laid out...accessible to readers at different levels of technical knowledge..." (IEE Review, June 2004)

From the Back Cover

While the classic battery electric car continues to make only a small impact on the automobile market, other types of electric vehicle, especially hybrids, have made significant and promising improvements. Moreover, small battery electric vehicles such as bicycles and mobility aids are also developing well. Presenting more than 160 diagrams and pictures, this book explains the science and technology behind these important developments, and also introduces the issues that underpin the design and performance modelling of electric vehicles.

Electric Vehicle Technology Explained:

- Encompasses a full range of electric vehicles: bicycles, mobility aids, delivery vehicles and buses – not just cars.
- Covers all the basic technology relating to electric road vehicles – batteries, super capacitors, flywheels, fuel cells, electric motors and their controllers, and system design.
- Considers the environmental benefits and disadvantages of electric vehicles and their component devices.
- Includes case studies of a range of batteries, hybrids and fuel cell powered vehicles, from bicycles to buses.
- Offers many MATLAB® examples explaining the design of appropriate computer prediction models.

Professionals, researchers and engineers in the electric vehicle industry as well as advanced students in electrical and mechanical engineering will benefit from this comprehensive coverage of electric vehicle technology.

Users Review

From reader reviews:

Betty Blake:

Book is usually written, printed, or illustrated for everything. You can learn everything you want by a guide. Book has a different type. As we know that book is important thing to bring us around the world. Close to that you can your reading talent was fluently. A guide Electric Vehicle Technology Explained will make you to possibly be smarter. You can feel considerably more confidence if you can know about anything. But some of you think that open or reading a new book make you bored. It isn't make you fun. Why they may be thought like that? Have you searching for best book or suitable book with you?

Kelly Brooks:

This Electric Vehicle Technology Explained book is not ordinary book, you have after that it the world is in

your hands. The benefit you obtain by reading this book is information inside this book incredible fresh, you will get info which is getting deeper an individual read a lot of information you will get. This kind of Electric Vehicle Technology Explained without we recognize teach the one who studying it become critical in pondering and analyzing. Don't possibly be worry Electric Vehicle Technology Explained can bring any time you are and not make your case space or bookshelves' turn out to be full because you can have it in the lovely laptop even mobile phone. This Electric Vehicle Technology Explained having excellent arrangement in word and also layout, so you will not experience uninterested in reading.

Daryl Pena:

Information is provisions for individuals to get better life, information nowadays can get by anyone on everywhere. The information can be a understanding or any news even restricted. What people must be consider any time those information which is inside former life are challenging to be find than now could be taking seriously which one is suitable to believe or which one the particular resource are convinced. If you obtain the unstable resource then you buy it as your main information you will see huge disadvantage for you. All those possibilities will not happen inside you if you take Electric Vehicle Technology Explained as the daily resource information.

Daisy Harris:

Do you one of the book lovers? If yes, do you ever feeling doubt while you are in the book store? Attempt to pick one book that you find out the inside because don't assess book by its include may doesn't work at this point is difficult job because you are frightened that the inside maybe not as fantastic as in the outside appear likes. Maybe you answer could be Electric Vehicle Technology Explained why because the amazing cover that make you consider about the content will not disappoint an individual. The inside or content is definitely fantastic as the outside or perhaps cover. Your reading 6th sense will directly guide you to pick up this book.

**Download and Read Online Electric Vehicle Technology Explained
By James Larminie, John Lowry #NDTEHTMLXP5I**

Read Electric Vehicle Technology Explained By James Larminie, John Lowry for online ebook

Electric Vehicle Technology Explained By James Larminie, John Lowry Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Electric Vehicle Technology Explained By James Larminie, John Lowry books to read online.

Online Electric Vehicle Technology Explained By James Larminie, John Lowry ebook PDF download

Electric Vehicle Technology Explained By James Larminie, John Lowry Doc

Electric Vehicle Technology Explained By James Larminie, John Lowry Mobipocket

Electric Vehicle Technology Explained By James Larminie, John Lowry EPub