

Battery Technology in the Development of Power Tools: Advances in Battery Technology

Tom Page

audiobook / *ebooks / Download PDF / ePub / DOC



Tom Page

Battery Technology in the Development of Power Tools

Advances in Battery Technology



DOWNLOAD



READ ONLINE

#14103181 in Books 2012-06-20Original language:EnglishPDF # 1 8.66 x .15 x 5.911, .23 #File Name: 365916369464 pages | File size: 35.Mb

Tom Page : Battery Technology in the Development of Power Tools: Advances in Battery Technology before purchasing it in order to gauge whether or not it would be worth my time, and all praised Battery Technology in the Development of Power Tools: Advances in Battery Technology:

The study aim was to assess the impact of Li-ion technology on the power tool field. Lithium-ion batteries were

compared to nickel-based batteries, ascertaining their suitability for power tool applications. Li-ion was found to be best suited due to its increased capacity. Two observational studies were completed on outdoor sites exploring the benefits of the technology over mains-powered tools. The increased range of Li-ion tools improved the site experience for the user. All of the benefits recorded were knock-on effects of the increased battery capacity. Five interviews were then completed to determine the impact of the technology on the user. All users agreed the technology to be a landmark and that it has improved their efficiency on site. Finally, a case study was completed investigating how Li-ion has affected the market, and it was found that the technology has been used strategically; encouraging the user to buy from one manufacturer.

About the Author Tom mainly teaches electronic product design and has been working between the fields of Interaction, physical computing and electronic product design for the last couple of years. His main interests lie in the area of technology mediated learning, value management and electronic product design.