



energies

Energy Storage Systems for Electric Vehicles

Edited by

Erik Schaltz

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Energy Storage Systems for Electric Vehicles

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About the Editor

Erik Schaltz (Associate Professor) obtained his MSc and PhD degrees in electrical engineering from the Department of Energy Technology, Aalborg University, Aalborg, Denmark, in 2005 and 2010, respectively. From 2009 to 2012, he was an assistant professor, and since 2012, he has been an associate professor. Both positions are at the Department of Energy Technology, Aalborg University. In this Department, he is the program leader of the research program 'E-mobility and Industrial Drives', and the vice program leader of 'Battery Storage Systems'. He has been the main supervisor in four completed PhD projects, and has participated in more than 15 national and international research projects. He has been a guest and associate editor in several journals related to batteries and e-mobility, and he has authored or co-authored more than 100 publications. His research interests include usage of power electronics, electric machines, fuel cells, batteries, ultracapacitors, etc., in electric and hybrid electric vehicles. In addition, he is also focused on battery state-estimation, management (electric and thermal), and the modelling (electric, thermal and lifetime) of battery cells and packs.