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Sommario/riassunto	The book contains selected proceedings from the International Conference on Smart Grid Energy Systems and Control (SGESC 2023). It is divided into 2 volumes and focuses on Electric Mobility and Hybrid Microgrid. The topics covered include power electronics for hybrid and electric vehicles, wireless power transfer, renewable power generation, energy storage, and challenges in grid integration of microgrids. This book is a valuable resource for academic researchers and industry practitioners.