1. Record Nr. UNINA9910845499303321 Autore Murari Krishna **Titolo** Recent Advances in Power Electronics and Drives: Select Proceedings of EPREC 2023, Volume 2 / / edited by Krishna Murari, Bhim Singh, Vijay Kumar Sood Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 981-9994-39-X Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (XII, 381 p. 298 illus., 241 illus. in color.) Collana Lecture Notes in Electrical Engineering, , 1876-1119; ; 1139 Disciplina 621.317 Soggetti Electric power production Electric power distribution **Energy policy Electrical Power Engineering Energy Grids and Networks** Energy Policy, Economics and Management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Hardware-in-Loop Test for Electronic Control Unit -- High Efficient Nota di contenuto Single Phase Active LED Driver with Reduced Power Processing --Implementation of model predictive current control technique for single phase four level grid connected Ashgar Inverter -- A Low Voltage Stress Switched-Capacitor Based 7-Level Boost Multilevel Inverter -- Design And Investigation Of Solar Pv Fed Pmsm Motor Drive. This book entitled "Recent Advances in Power Electronics and Drives -Sommario/riassunto Select Proceedings of EPREC-2023 provides rigorous discussions, case studies, and recent developments in the emerging areas of power electronics, especially in power inverters and converters, electrical drives, regulated power supplies, electric vehicle and its charging infrastructure, etc. The readers would benefit from enhancing their knowledge and skills in the domain areas. Also, this book may help the readers in developing new and innovative ideas. The book can be a

valuable reference for beginners, researchers, and professionals interested in advancements in power electronics and drives.