

DAFTAR PUSTAKA

- [1] S. D. Nugraha, N. C. Ersha, E. Sunarno, O. A. Qudsi, I. Ferdiansyah, and G. Prabowo, "Desain Baterai Charger Kendaraan Listrik dengan Metode Constan Current dan Constan Voltage," *JTT (Jurnal Teknol. Terpadu)*, vol. 9, no. 2, pp. 159–166, 2021, doi: 10.32487/jtt.v9i2.1198.
- [2] N. A. Sasongko, "Mendukung Ketahanan Energi Nasional Implementation Of Battery-Based Electric Motor Vehicle Policies," no. June 2022, 2024.
- [3] E. Heriana, M. A. Hakim, A. Ekoprianto, S. Sukmara, and D. Susanto, "Rancangan Kapasitas Baterai Dan Sistem Charger Pada Mobil Kampus," *Technoma*, vol. 02, no. 01, 2022.
- [4] M. Fidaul Ahsan, R. Dodi Pratama, R. Sigit Hidayat, D. Prayoga, and D. Oktavina Radianto, "Rancangan Fast Charging untuk Kendaraan Listrik dengan Menggunakan Algoritma Kontrol Tegangan pada Baterai," *J. Syntax Fusion*, vol. 3, no. 07, pp. 708–714, 2023, doi: 10.54543/fusion.v3i07.342.
- [5] H. Adin, "Perancangan dan Analisis Rangkaian Pengisian Ultrafast Baterai Kendaraan Listrik Berbasis Penyearah Vienna Fase Banyak," Universitas Jenderal Soedirman, 2024. [Online]. Available: <http://repository.unsoed.ac.id/id/eprint/26792>
- [6] J. Khyat, S. Anusha, and K. Mamatha, "Anfis Controlled Based Vienna Rectifier for Electric Vehicle Charging Stations," no. 02, 2023.
- [7] C. Mamahit, J. Ticoh, V. Memah, and H. Angmalisang, "Studi Sistem Pengisian Cepat Baterai Kendaraan Listrik Berbasis Papan Pengendali OpenEVSE," *J. EDUNITRO J. Pendidik. Tek. Elektro*, vol. 2, no. 1, pp. 61–70, 2022, doi: 10.53682/edunitro.v2i1.3909.
- [8] S. A. Ferlia, S. Sudarti, and Y. Yushardi, "Analisis Efisiensi Kendaraan Listrik Sebagai Salah Satu Transportasi Ramah Lingkungan Pengukuran Emisi Karbon," *Opt. J. Pendidik. Fis.*, vol. 7, no. 2, pp. 356–365, 2023, doi: 10.37478/optika.v7i2.3282.
- [9] A. Meydani, A. A. N. Meidani, and S. Shahablavasani, "The Performance of Electric and Hybrid Cars and the Effect of Their Use in the Environmental Cycle," *2023 8th Int. Conf. Technol. Energy Manag.*, pp. 1–7, 2023, [Online]. Available: <https://api.semanticscholar.org/CorpusID:257958086>

- [10] N. S. Vanitha, L. Manivannan, K. Radhika, A. Karthikeyan, and T. Meenakshi, "A Review of Electric Vehicles: Technologies and Challenges," *Electr. Veh. Des. Des. Simul. Appl.*, pp. 81–99, 2024.
- [11] S. S. G. Acharige, M. E. Haque, M. T. Arif, and N. Hosseinzadeh, "Review of Electric Vehicle Charging Technologies, Configurations, and Architectures," vol. XX, pp. 1–36, 2022, [Online]. Available: <http://arxiv.org/abs/2209.15242>
- [12] I. Lintang, "6 Jenis Baterai Mobil Listrik beserta Keunggulan dan Kekurangannya," *inilah.com*, 2024. <https://www.inilah.com/jenis-baterai-mobil-listrik> (accessed Dec. 23, 2024).
- [13] A. Machín, C. Morant, and F. Márquez, "Advancements and Challenges in Solid-State Battery Technology: An In-Depth Review of Solid Electrolytes and Anode Innovations," *Batteries*, vol. 10, no. 1, 2024, doi: 10.3390/batteries10010029.
- [14] S. Vijayakumar and N. Sudhakar, "A review on unidirectional converters for on-board chargers in electric vehicle," *Front. Energy Res.*, vol. 10, no. October, pp. 1–20, 2022, doi: 10.3389/fenrg.2022.1011681.
- [15] G. B. Sahinler and G. Poyrazoglu, "V2G Applicable Electric Vehicle Chargers, Power Converters Their Controllers: A Review," *Proc. - 2020 IEEE 2nd Glob. Power, Energy Commun. Conf. GPECOM 2020*, no. May, pp. 59–64, 2020, doi: 10.1109/GPECOM49333.2020.9247870.
- [16] M. Brenna, F. Foiadelli, C. Leone, and M. Longo, "Electric Vehicles Charging Technology Review and Optimal Size Estimation," *J. Electr. Eng. Technol.*, vol. 15, no. 6, pp. 2539–2552, 2020, doi: 10.1007/s42835-020-00547-x.
- [17] M. Nikouei, "Design and Evaluation of the Vienna Rectifier for a 5MW Wind Turbine System Master of Science Thesis Department of Energy and Environment Design and Evaluation of the Vienna Rectifier for a 5MW Wind Turbine System," 2013.
- [18] S. Xu, "Comprehensive Analysis of Vienna Rectifiers for Renewable Resources," *Highlights Sci. Eng. Technol.*, vol. 81, pp. 38–48, 2024, doi: 10.54097/k8q5mh81.
- [19] A. S. Wicaksono, "Perancangan dan Implementasi Sistem Pengaturan Kecepatan Motor BLDC Menggunakan Kontroler PI Berbasis Neural-

- Fuzzy Hibrida Adaptif,” *J. Tek. ITS*, vol. 5, no. 2, pp. 68–74, 2016, doi: 10.12962/j23373539.v5i2.16272.
- [20] T. Nguyen-Van, R. Abe, and K. Tanaka, “Digital adaptive hysteresis current control for multi-functional inverters,” *Energies*, vol. 11, no. 9, 2018, doi: 10.3390/en11092422.
- [21] L. Yendi, E., & Sigit, “Analisa Perbaikan Faktor Daya Sistem Kelistrikan. Jurnal Sains & Teknologi Fakultas Teknik, 11(1), 103-113,” *Angew. Chemie Int. Ed.* 6(11), 951–952., vol. 42, no. 2, p. 283, 2021, [Online]. Available: http://www.teses.usp.br/teses/disponiveis/27/27148/tde-08102007-211215/publico/Hiperterrorismo_e_midia_na_comunicacao_politica.pdf
- [22] A. Akhwan, A. Pradipta, and B. Gunari, “Rancang Bangun Simulator Perbaikan Faktor Daya Listrik 3 Fasa dengan Sistem Kendali Otomatis,” *J. Arus Elektro Indones.*, vol. 8, no. 3, p. 77, 2022, doi: 10.19184/jaei.v8i3.34494.
- [23] A. Arranz-Gimon, A. Zorita-Lamadrid, D. Morinigo-Sotelo, and O. Duque-Perez, “A review of total harmonic distortion factors for the measurement of harmonic and interharmonic pollution in modern power systems,” *Energies*, vol. 14, no. 20, 2021, doi: 10.3390/en14206467.
- [24] G. Feix, S. Dieckerhoff, J. Allmeling, and J. Schönberger, “Simple methods to calculate IGBT and diode conduction and switching losses,” *2009 13th Eur. Conf. Power Electron. Appl. EPE '09*, no. October 2009, 2009.
- [25] Y. Zhu, M. Xiao, X. Su, G. Yang, K. Lu, and Z. Wu, “Modeling of conduction and switching losses for IGBT and FWD based on SVPWM in automobile electric drives,” *Appl. Sci.*, vol. 10, no. 13, 2020, doi: 10.3390/app10134539.