



**DAFTAR PUSTAKA**



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- [1] Studi menunjukkan antusiasme Indonesia terhadap kendaraan listrik". (n.d.). Nissan. <https://nissan.co.id/new-press/artikel/studi-menunjukkan-antusiasme-indonesia-terhadap-kendaraan-listrik/>. Diakses pada 22 Februari 2021.
- [2] P. Mangraiya, B. Mishra, "A Review on Characteristics of Wireless Power Transfer". *International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)*. Volume 3, Issue 1, April 2023.
- [3] X. He, H. Shen, L. Wang .” State of the Art Wireless Charging Technology for Electric Vehicles”. *Highlights in Science, Engineering and Technology. MSMEE 2023*, Volume 43 (2023).
- [4] I.Okasili, A.Elkhateb, T. Littler.” A Review of Wireless Power Transfer Systems for Electric Vehicle Battery Charging with a Focus on Inductive Coupling” *Electronics 2022*, 11, 1355. <https://doi.org/10.3390/electronics11091355>.
- [5] B.Albert Rayan, U. Subramaniam, S. Balamurugan. “Wireless Power Transfer in Electric Vehicles: A Review on Compensation Topologies, Coil Structures, and Safety Aspects”. Vellore Institute of Technology, Vellore 632014, India 2 Renewable Energy Lab, Department of Communications and Networks, College of Engineering, Prince Sultan University, Riyadh 11586, Saudi Arabia. *Energies 2023*, 16, 3084. <https://doi.org/10.3390/en16073084>.
- [6] S. Mohamed, A.Ahmed. “System Design and Optimization of In-Route Wireless Charging Infrastructure for Shared Automated Electric Vehicles”. National Renewable Energy Laboratory, Golden, CO 80401, USA. Date of publication June 11, 2019, date of current version July 1, 2019. Digital Object Identifier 10.1109/ACCESS.2019.2920232.
- [7] Jang, Y. J. (2018). “Survey of the operation and system study on wireless charging electric vehicle systems”. *Transportation Research Part C: Emerging Technologies*, 95, 844-866. <https://doi.org/10.1016/j.trc.2018.04.006>
- [8] Sun, L., Ma, D., & Tang, H. (2018). “A review of recent trends in wireless power transfer technology and its applications in electric vehicle wireless charging. *Renewable and Sustainable Energy Reviews*”, 91, 490-503. <https://doi.org/10.1016/j.rser.2018.04.016>
- [9] S.Yuvaraja.,et al. “ A Comprehensive Review of the On-Road Wireless Charging System for E-Mobility Applications”. Electric Vehicle Charging Research Centre, Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Chennai, India, published: 07 July 2022 doi: 10.3389/fenrg.2022.926270.
- [10] Naoui M, Aymen F, Ben Hamed M, Lassaad S. Analisis status pengisian baterai-EV untuk sistem Pengisian Nirkabel Dinamis. *Penyimpanan Energi 2019*;2:1–10. doi: <https://doi.org/10.1002/est2.117>.
- [11] Sudimac B, Ugrinovic´ A, Jurcýevic´ M. Penerapan sistem fotovoltaiik pada bangunan suci untuk tujuan produksi tenaga listrik: Studi kasus Katedral St.

- Michael sang Malaikat Agung di Beograd. *Pertahanan* 2020;12. doi: <https://doi.org/10.3390/su12041408>.
- [12] Ji B, Song X, Cao W, Pickert V, Hu Y, Mackersie JW, dkk. Diagnostik in situ dan prognostik kelelahan solder dalam modul IGBT untuk penggerak kendaraan listrik. *IEEE Trans Power Electron* 2019;30:1535–43. doi: <https://doi.org/10.1109/TPEL.2014.2318991>.
- [13] Linlin Tan, Wenxuan Zhao, Minghao Ju, Han Liu, Xueliang Huang. Research on an EV Dynamic Wireless Charging Control Method Adapting to Speed Change. Department of Electrical Engineering, Southeast University, NO. 2 Sipailou, Nanjing 210096, China. Received: 11 May 2019; Accepted: 6 June 2019; Published: 11 June 2019.
- [14] Gandoman FH, Van Mierlo J, Ahmadi A, Abdel Aleem SHE, Chauhan K. Evaluasi keselamatan dan keandalan untuk kendaraan listrik di jaringan sistem tenaga modern. *distribusikan Sumber Daya Energi. Microgrids*, Elsevier 2019:389–404. doi: <https://doi.org/10.1016/B978-0-12-817774-7.00015-6>.
- [15] Sharaf AM, Omar N, Gandoman FH, Zobaa AF, Abdel Aleem SHE. Penggerak Kendaraan Listrik dan Hibrida serta Antarmuka Jaringan Cerdas. *Adv. Memperbarui. Energies Power Technol.*, vol. 2, Elsevier; 2018, hal. 413–39. <https://dx.doi.org/10.1016/B978-0-12-813185-5.00008-5>
- [16] O,Khalifa.Wireless Power Transfer For Electric Vehicle Charging. Cite as: *AIP Conference Proceedings* 2306, 020026 (2020);<https://doi.org/10.1063/5.0032383> Published Online: 15 December 2020.
- [17] Mengjiao Zou, Ye Yang, Mingguang Liu, Wen Wang, Heping Jia, Xiaofeng Peng, Shu Su and Dunnan Liu.” Optimization Model of Electric Vehicles Charging and Discharging Strategy Considering the Safe Operation of Distribution Network”. *World Electr. Veh. J.* 2022, 13, 117. <https://doi.org/10.3390/wevj13070117>.
- [18]Maestre, S. (2021, August 10). “How does wireless power transmission work?” *CircuitBread*. <https://www.circuitbread.com/ee-faq/how-does-wireless-power-transmission-work>
- [19] N.Mohamed, F.Aymen, M.Alqarni, A.Rania, B.Alamri, M.A.Ziad, H.E.Shady, A.Abdel. “A New Wireless Charging System for Electric Vehicles Using Two Receiver Coils”. *Ain Shams Engineering Journal* 13 (2022) 101569.
- [20] Muhammad Amjad, Muhammad Farooq-i-Azam, Qiang Ni, Mianxiong Dong, Ejaz Ahmad Ansari, Wireless charging systems for electric vehicles, *Renewable and Sustainable Energy Reviews*, Volume 167, 2022, 112730, ISSN 1364-0321, <https://doi.org/10.1016/j.rser.2022.112730>.,PublishedURL:<https://www.sciencedirect.com/science/article/pii/S1364032122006190>
- [21] Shubhangi Das, Kajal Pal , Prerna Goswami, M.A.K. Kerawalla. “Wireless Power Transfer in Electric Vehicles”. Institute of Chemical Technology, Nathalal Parekh Marg, Matunga, Mumbai-400019, Maharashtra, India. *International Journal of*

- [22] P.Sarathi, S. Krithiga. “Wireless Power Transfer Topologies used for Static and Dynamic Charging of EV Battery : A Review”. School of Electrical Engineering, Vellore Institute of Technology (VIT), Chennai campus, Chennai, India International Journal of Emerging Electric Power Systems. 2020; 20190151.
- [23] S.Antony, M.Grace, B.K.Aryaraj, A.Mohanan, K.A.Amina. “Wireless Power Transmission in Electric Vehicle Application”. GRD Journals, Global Research and Development Journal for Engineering. National Conference on Emerging Research Trend in Electrical and Electronics Engineering (ERTE’19). May 2019 e-ISSN: 2455-5703.
- [24] P.Chirag, S.Stegen, J.Lu. “Review of Static and Dynamic Wireless Electric Vehicle Charging System”. Griffith School of Engineering, Griffith University, Nathan Campus, Brisbane 4111, Australia. Engineering Science and Technology, an International Journal 21 (2018) 922–937.
- [25] Evatran. (n.d.). “Mainstream electric car makers race to wireless EV charging. Plugless Power”. <https://www.pluglesspower.com/learn/mainstream-electric-cars-are-headed-towards-wireless-charging/>.
- [26] Patil, Devendra, et al. "Dynamic Power Transfer for Electric Vehicle." Energy Conversion Congress and Exposition (ECCE), 2019 IEEE. IEEE, 2019.
- [27] B,Yash.,et al. “Efficient Wireless Charging for Electric Vehicle”. International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181. Vol.9, Issue 10 October 2020.
- [28] Prof.Swapna Maurkar, Harshada Satre, Bhagyashree Kolekar, Pradnya Patil, Shamida Bailmare. “Wireless Charging of Electric Vehicle”. International Journal of Engineering Research & Technology (IJERT), e-ISSN: 2395-0056, p-ISSN: 2395-0072. Volume: 07 Issue: 03 Mar 2020.
- [29] S. Kumar, H. Paliwal, S. Vyas, S. Sekhor, V. Dave, S. Singh Rao.” Dynamic Wireless Power Transfer in Electric Vehicles” Journal of Physics: Conference Series. 1854 (2021) 012014 IOP Publishing doi:10.1088/1742-6596/1854/1/012014.
- [30] I. Karakitsios, F. Palaiogiannis, A. Markou, ND Hatziargyriou, Mengoptimalkan transfer energi, dengan efisiensi sistem yang tinggi dalam pengisian induktif dinamis evs, IEEE Transactions on Vehicular Technology 67 (6) (2018) 4728–4742 . doi:10.1109/TVT.2018.
- [31] Y. Wang, Z. Dongye, H. Zhang, C. Zhu, F. Lu, Sistem transfer daya induktif independen tipe domino dengan output arus konstan dan tegangan konstan hibrida, IEEE Transactions on Power Electronics 36 (8) (2021) 8824–8834.
- [32] A. Mahesh, B. Chokkalingam, L. Mihet-Popa, Pengisian daya transfer daya nirkabel induktif untuk kendaraan listrik–ulasan, IEEE Access 9 (2021) 137667–137713.

- [33] P. Zhao, G. Zheng, R. He, Y. Liu, M. Fu, Pengisi daya cepat nirkabel dua tahap 45 W menggunakan transfer daya induktif yang tidak diatur, *IEEE Journal of Emerging and Selected Topics in Industrial Electronics* 2 (3) (2021) 287–296
- [34] M. Mohammad, OC Onar, G.-J. Su, J. Pries, VP Galigekere, S. Anwar, E. Asa, J. Wilkins, R. Wilkins, CP White, dkk., Sistem transfer daya nirkabel 20-kW berkompensasi LCC–LCC dua arah untuk kendaraan tugas menengah pengisian daya, *Transaksi IEEE pada Elektrifikasi Transportasi* 7 (3) (2021) 1205–1218
- [35] Z. Liu, L. Wang, C. Tao, S. Li, Y. Guo, F. Li, Analisis dan desain sistem transfer daya nirkabel berdasarkan sirkuit kompensasi integrasi magnetik induktorkapasitor-kapasitor/none, *Internasional Jurnal Teori (2021) Sirkuit* 3811–dan 3825. Aplikasi 49 (11)
- [36] L. Li, Z. Wang, F. Gao, S. Wang, J. Deng, Keluarga topologi kompensasi untuk konverter transfer daya kapasitif untuk pengisi daya kendaraan listrik nirkabel, *Applied Energy* 260 (2020) 114156. doi : <https://doi.org/10.1016/j.apenergy.2019.114156>.
- [37] V. Yashchenko, V. Turgaliev, D. Kozlov, I. Vendik, and A. Katsay, “Adaptive impedance-matching network for wireless power transfer system with off-center receiver,” in *2017 Progress In Electromagnetics Research Symposium - Spring (PIERS)*, 2017, pp. 2185–2189.