

DAFTAR PUSTAKA

- [1] M. Sollen-Norrlin et al., “Agroforestry Benefits and Challenges for Adoption in Europe and Beyond,” *Sustainability*, 2020.
- [2] D. Azuatalama et al., “Energy Management of Small-Scale PV-Battery Systems: A Systematic Review,” *Renewable and Sustainable Energy Reviews*, 2019.
- [3] H. M. Abd Alhussain and N. Yasin, “Modeling and Simulation of Solar PV Module for Comparison of Two MPPT Algorithms (P&O & INC) in MATLAB/Simulink,” *Indonesian Journal of Electrical Engineering and Computer Science*, 2020.
- [4] B. Navothna and S. Thotakura, “Analysis on large-scale solar PV plant energy performance–loss–degradation in coastal climates of India,” *Frontiers in Energy Research*, vol. 10, p. 857948, Apr. 2022, doi: 10.3389/fenrg.2022.857948.
- [5] M. K. S. Al-Ghezi, R. T. Ahmed, and M. T. Chaichan, “The influence of temperature and irradiance on performance of the photovoltaic panel in the middle of Iraq,” *International Journal of Renewable Energy Development*, vol. 11, no. 2, pp. 501–513, 2022, doi: 10.14710/ijred.2022.43713.
- [6] P. N. L. Mohamad Radzi et al., “Performance evaluation and degradation analysis of grid connected photovoltaic systems for energy efficient buildings in tropical climates,” *Scientific Reports*, vol. 15, p. 39103, 2025, doi: 10.1038/s41598-025-26765-9.
- [7] M. A. Ghasemi, M. Parniani, S. F. Zarei, and H. M. Foroushani, “Fast *Maximum Power Point Tracking* for PV Arrays under Partial Shaded Conditions,” *Sharif University of Technology (SUT), Iran*, 2018.
- [8] S. Nema, R. K. Nema, and G. Agnihotri, “Matlab/simulink based study of photovoltaic cells/modules/array and their experimental verification,” *International Journal of Energy and Environment*, vol. 1, no. 3, pp. 487–500, 2010.
- [9] A.A. Elbaset, H. Ali, M. Abd-El Sattar, and M. Khaled, “Implementation of a modified *Perturb and Observe Maximum Power Point Tracking* algorithm for photovoltaic system using an embedded microcontroller,” *IET Renewable Power Generation*, vol. 10, no. 4, pp. 551–560, Apr. 2016, doi: 10.1049/iet-rpg.2015.0309.
- [10] Y.-M. Hsin et al., “Performance Analysis and Control Design Methods for Grid-Forming Photovoltaic Converters in Black-Start Scenarios,” *Applied Sciences*, 2026.

- [11] A. Bouraiou et al., "Modeling and Simulation of Photovoltaic Module and Array Based on One and Two Diode Model Using Matlab/Simulink," *Energy Procedia*, 2015.
- [12] S. Sheik Mohammed, "Modeling and Simulation of Photovoltaic Module Using MATLAB/Simulink," *International Journal of Chemical and Environmental Engineering*, vol. 2, no. 5, pp. 351–355, Oct. 2011.
- [13] M. Eladawy, R. Lebled, and M. A. Elsadd, "Hybrid ANN-Based MPPT Strategy for Boost Converter PV Systems Under Rapid Irradiance Variations," *MDPI Machines*, vol. 14, no. 659, 2026, doi:10.3390/machines14060659.
- [14] Y. Dewantoro Herlambang et al., "Unjuk Kerja Karakteristik Tegangan Arus dan Daya pada Panel Surya terhadap Variasi Radiasi Surya Menggunakan MATLAB Simulink," *NCIET*, 2021.
- [15] S. Sakib and M. A. B. Siddique, "Modeling and Simulation of Solar Photovoltaic Cell for the Generation of Electricity in UAE," 2021.
- [16] G. Görel and N. A. M. Hamed, "Intelligent Wave Algorithm-Based MPPT for a Flyback PV Converter Under Rapid Irradiance Transients," *Mathematics (MDPI)*, vol. 14, no. 1930, 2026, doi:10.3390/math14111930.
- [17] L. Chen and X. Wang, "An Enhanced MPPT Method Based on ANN-assisted Sequential Monte Carlo and Quickest Change Detection," *arXiv preprint arXiv:1805.04922*, 2018.
- [18] Y. Cui, Z. Yi, J. Duan, D. Shi, and Z. Wang, "A Rprop-Neural-Network-Based PV *Maximum Power Point Tracking* Algorithm with Short-Circuit Current Limitation," *IEEE ISGT North America*, 2019.
- [19] S. Masri and J. K. R. Susila, "Model Simulasi Implementasi Algoritma Perturb & Observe MPPT pada Modul PV," *JST*, 2020.
- [20] J. Wu et al., "Simulation Analysis of Harmonic Characteristics of Photovoltaic Power Generation System Based on MATLAB," *Energy Procedia*, 2019.