

DAFTAR PUSTAKA

- [1] N. Khera *et al.*, “Design of charge controller for solar PV systems,” 2016, doi: 10.1109/ICCICCT.2015.7475266.
- [2] K. Dubey and M. T. Shah, “Design and simulation of Solar PV system,” 2017, doi: 10.1109/ICACDOT.2016.7877649.
- [3] M. G. Ramadhan, A. Muttaqin, and Z. Abidin, “Maximum Power Point Tracker (MPPT) Sebagai Metode Pemaksimalan Daya Solar Cell Untuk Charging Baterai Eco Solar Boat,” pp. 107–110, 2017.
- [4] M. A. Haikal, Soediby, and M. Ashari, “Desain Sistem Photovoltaic Inverter Terkoneksi Ke Grid Menggunakan MPPT Berbasis Metode Modified Regula Falsi,” vol. 7, no. 2010, 2015.
- [5] C. R. Algarín, R. L. Fuentes, and A. O. Castro, “Implementation of a cost-effective fuzzy MPPT controller on the Arduino board,” *Int. J. Smart Sens. Intell. Syst.*, 2018, doi: 10.21307/ijssis-2018-002.
- [6] T. Tsoutsos, N. Frantzeskaki, and V. Gekas, “Environmental impacts from the solar energy technologies,” *Energy Policy*, 2005, doi: 10.1016/S0301-4215(03)00241-6.
- [7] A. O. Batu, H. Soepardjo, and P. Prajitno, “Arduino Uno-Based Maximum Power Point Tracking for PV Module Using Perturb and Observe Algorithm,” 2019, doi: 10.1109/MoRSE48060.2019.8998643.
- [8] A. I. M. Ali, M. A. Sayed, and E. E. M. Mohamed, “Modified efficient perturb and observe maximum power point tracking technique for grid-tied PV system,” *Int. J. Electr. Power Energy Syst.*, 2018, doi: 10.1016/j.ijepes.2017.12.029.
- [9] L. P. N. Jyothy and M. R. Sindhu, “An Artificial Neural Network based MPPT Algorithm for Solar PV System,” 2018, doi: 10.1109/ICEES.2018.8443277.
- [10] M. Fannakh, M. L. Ehafyani, and S. Zouggar, “Hardware implementation of the fuzzy logic MPPT in an Arduino card

- using a Simulink support package for PV application,” *IET Renew. Power Gener.*, 2019, doi: 10.1049/iet-rpg.2018.5667.
- [11] A. Mohapatra, B. Nayak, and C. Saiprakash, “Adaptive Perturb Observe MPPT for PV System with Experimental Validation,” 2019, doi: 10.1109/ICSETS.2019.8744819.
- [12] S. Suriadi, I. N. Fajri, R. Munadi, and M. Gapy, “Reduksi Osilasi Daya Pada MPPT Panel Surya Dengan Metode Kombinasi PNO dan Fuzzy,” *J. Rekayasa Elektr.*, 2019, doi: 10.17529/jre.v15i2.13682.
- [13] N. Zhang, S. Batternally, K. C. Lim, K. W. See, and F. Han, “Analysis of the non-inverting buck-boost converter with four-mode control method,” in *Proceedings IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society*, 2017, vol. 2017-January, doi: 10.1109/IECON.2017.8216151.
- [14] Mouser Electronics, “DHT11 - Humidity and Temperature Sensor,” *Datasheet*, 2011.