

## DAFTAR PUSTAKA

- Ansha, Charles Opanin. 2017. "EGS002 Sine Wave Inverter Circuit",  
<https://manycircuits.blogspot.com/2017/05/simple-pure-sine-inverter-circuit.html>, Diakses pada 20 Februari 2019 pukul 16.00
- Doucet Jim, Eggleston. D, Shaw Jeremy, 2007. DC/AC Pure Sine Wave Inverter. *Journal worcester polytechnic institute. (in press)*.
- Zuhal. 2004. Prinsip Dasar Elektroteknik. Jakarta : PT. Gramedia Pustaka Utama.
- Kolla, J, Devakumar, V. S., and Babu, B. K., (2013): "A Comparison on Power Electronic Inverter Topologies, *International Journal of Innovative Research and Development (IJIRD)*, Vol. 2, Issue 5.
- Professor Stephen, J, Bitar, ECE. 2010. "PWM Techniques: A Pure Sine Wave Inverter". Worcester Polytechnic Institute Major Qualifying Project.
- EGCorp Micro. 2014. EG8010 Datasheets.  
Rev. D. 2016. "Vishay Siliconic Power Mosfet".  
<https://eandc.ru/pdf/import/irf840.pdf>
- Sanjay Dixit, Ambreesh Tripathi, Vikas Chola. 2013. *800VA Pure Sine Wave Inverter's Reference Design*. Texas Instruments.
- Rashid, Muhammad, H. 1999. *Elektronika Daya*. Perpustakaan Nasional : Katalog Dalam Terbitan (KDT). Jilid 1. Edisi Bahasa Indonesia.
- Rijono, Yon. 1997. *Dasar Teknik Tenaga Listrik*. Yogyakarta. Perpustakaan Nasional : Katalog Dalam Terbitan (KDT). Edisi 1.
- EGCorp Micro. 2014. EGS002 Datasheets.
- Ardiyanto, Rama .2018. Transformator Adalah – Pengertian, Fungsi, Jenis, Gambar, Prinsip Kerja. Diambil dari :  
<https://rumus.co.id/transformator/#!>. (15 mei 2019)
- Jalbrzykowski.S, and T. CITKO. 2009. "A bidirectional DC-DC converter For renewable energy systems". Diambil dari:  
[https://www.researchgate.net/publication/255669720\\_A\\_bidirectional\\_DC-DC\\_converter\\_for\\_renewable\\_energy\\_systems](https://www.researchgate.net/publication/255669720_A_bidirectional_DC-DC_converter_for_renewable_energy_systems). (21 Januari 2019)
- Jung, Jee-Hoon. 2012. "High efficiency bidirectional LLC resonant converter for 380V DC power distribution system using digital control scheme".

Researchgate.net/publication /241627353 High efficiencbidirectional LLC resonant converter for 380V DC power distributin system using digital control scheme.Korea Selatan : Ulsan National Institute of Science and Technology.

Karshenas, Hamid R. ; Daneshpajoo, Hamid ; Safaee , Alireza ; Jain ,PraveenJain and Bakhshai, Alireza. 2014.” Bidirectional DC-DC Converters forEnergy Storage Systems”. Canada : Department of Elec. & Computer Eng., Queen’s University, Kingston

Amrullah, R. A., Herwandi, H., & Pracoyo, A. (2021). Perancangan Dan Pembuatan Inverter Pure Sine Wave 150WATT Dengan Feedback AC 220/50Hz Berbasis Mikrokontroller Arduino. *Jurnal Elektronika Dan Otomasi Industri*, 8(2), 96. <https://doi.org/10.33795/elk.v8i2.280>

Fauzi, M., Luqman, M., & Yulianto, Y. (2021). Rancang BangunModul Control SPWM Berbasis Arduino Uno. *Jurnal Elektronika Dan Otomasi Industri*, 8(1), 92. <https://doi.org/10.33795/elk.v8i1.232>

Hardisal, Candra, R. A., Ilham, D. N., Saragi, D. P., Harahap, R., Suherman, S., & Yahya, Z. (2021). Filter Component Impact on EGS002-based Inverter Circuit Performances. *IOP Conference Series: Materials Science and Engineering*, 1062(1). <https://doi.org/10.1088/1757-899X/1062/1/012050>

Iksan, A. M. (2020). *Rancang Bangun Inverter Dc Ke Ac Satu Fasa Mode Push Pull Berbasis Arduino*. 53(9), 1689–1699.

Iskandar, M. (2019). *Rancang Bangun Inverter Pure Sine Wave Satu Fasa*.

Ismiyadinata, J., Yuliansyah, H., Reza, M., Aziz, K., & Rohman, S. (2014). *Dengan Metode Switching High Frequency Menggunakan Arduino Nano Dan Driver Spwm Egs002*.

Nugraha, D., & Krismadinata, K. (2020). Rancang Bangun Inverter Satu Fasa Dengan Dengan Modulasi Lebar Pulsa PWM Menggunakan Antarmuka Komputer. *JTEV (Jurnal Teknik Elektro Dan Vokasional)*, 6(1), 340. <https://doi.org/10.24036/jtev.v6i1.108035>

Prasetya, A. M., & Sofian. (2021). Implementasi Inverter Pure Sine Wave Untuk Pemanfaatan Energi Surya. *Theta Omega: Journal of Electrical*

*Engineering, Computer, and Information Technology*. e-ISSN: 2745-6412,  
p-ISSN: 2797-1740.

<https://jurnal.untidar.ac.id/index.php/thetaomega/article/view/3953>

- Purwanto, K., Wijayanto, A. A., Ardiyanto, Y., & Putra, K. T. (2023). Electrical Design of a Portable Pure Sine Wave Inverter Using Ferrite Core Transformer and Double Stage Technique. *Journal of Electrical Technology UMY*, 7(1), 1–8. <https://doi.org/10.18196/jet.v7i1.17912>
- Sembiring, S. M. (2018). UNIVERSITAS SUMATERA UTARA Poliklinik UNIVERSITAS SUMATERA UTARA. *Jurnal Pembangunan Wilayah & Kota*, 1(3), 82–91. [https://repository.um-surabaya.ac.id/4792/3/BAB\\_2.pdf](https://repository.um-surabaya.ac.id/4792/3/BAB_2.pdf)
- Setiawan, D., Eteruddin, H., & Arlenny, A. (2019). Desain dan Analisis Inverter Satu Fasa Berbasis Arduino Menggunakan Metode SPWM. *Jurnal Teknik*, 13(2), 128–135. <https://doi.org/10.31849/teknik.v13i2.3491>
- Sri, N., Kaliky, A., Akbar, S. A., Raditya, A., Baswara, C., Kaliky, N. S. A., Akbar, S. A., & Baswara, A. R. C. (2022). Design of One-Phase Inverter Using EGS002 with SPWM. *Buletin Ilmiah Sarjana Teknik Elektro*, 4(3), 132–141. <https://doi.org/10.12928/biste.v4i3.6567>