

## DAFTAR PUSTAKA

- Beard Kirby W. (2019). *Linden's Handbook of Batteries*. Ed ke-5. Editor Oleh Reddy, Thomas B. USA: McGraw-Hill Education.
- Crippa, Monica dkk. (2023). *GHG Emissions of All World Countries*. Luxembourg: Publications Office of the European Union.
- Hallgrimsson, Bjarki. (2019). *Prototyping and Model Making for Product Design*. Ed ke-2. London: Laurence King Student & Professional.
- Kelly, K.J., Mihalic, M., Zolot, M., 2002. Battery usage and thermal performance of the Toyota Prius and Honda Insight during chassis dynamometer testing. In: Proceedings of the Annual Battery Conference on Applications and Advances, Vol. 2002- Janua. Institute of Electrical and Electronics Engineers Inc., pp. 247–252. <https://dx.doi.org/10.1109/BCAA.2002.986408>
- Liou, Fuewen Frank. (2019). *Rapid Prototyping and Engineering Applications: a Toolbox for Prototype Development*. Ed ke-2. Boca Raton: CRC Press Taylor & Francis Group.
- Liu, H., Wei, Z., He, W., & Zhao, J. (2017). Thermal issues about Li-ion batteries and recent progress in battery thermal management systems: A review. *Energy Conversion and Management*, 150, 304–330. <https://doi.org/10.1016/j.enconman.2017.08.016>
- Ma, S., Jiang, M., Tao, P., Song, C., Wu, J., Wang, J., Deng, T., & Shang, W. (2018). Temperature effect and thermal impact in lithium-ion batteries: A review. *Progress in Natural Science: Materials International*, 28(6), 653–666. <https://doi.org/10.1016/j.pnsc.2018.11.002>
- Moaveni, Saeed. (2019). *Engineering Fundamentals: An Introduction to Engineering (SI Edition)*. Ed ke-5. Editor oleh McIver, Keith. Penerbit ANDI.
- Moosavi, A., Ljung, A.-L., & Lundström, T. S. (2023). A study on the effect of cell spacing in large-scale air-cooled battery thermal management systems using a novel modeling approach. *Journal of Energy Storage*, 72, 108418. <https://doi.org/10.1016/j.est.2023.108418>
- Pesaran, A.A., 2001. Battery Thermal Management in EVs and HEVs: Issues and Solutions Some of the authors of this publication are also working on these related projects: Multi-scale mechanical-electrochemical-thermal coupled modeling framework for lithium-ion battery under mechanical abuse View project n.d.
- Rosen, M. A., & Farsi, A. (2023). *Battery Technology*. Ed ke- 1. Elsevier.

- Sahwal, C. P., Dinh, T. Q., & Sengupta, S. (2022). Controller development of thermal management system for electric bikes. *Energy Reports*, 8, 437–446. <https://doi.org/10.1016/j.egy.2022.10.135>
- Saw, Lip Huat, et al. “Novel Thermal Management System Using Mist Cooling for Lithium-Ion Battery Packs.” *Applied Energy*, vol. 223, Aug. 2018, pp. 146–158, <https://doi.org/10.1016/j.apenergy.2018.04.042>. Accessed 6 Nov. 2021.
- Thakur, A. K., Prabakaran, R., Elkadeem, M. R., Sharshir, S. W., Arıçı, M., Wang, C., Zhao, W., Hwang, J.-Y., & Saidur, R. (2020). A state of art review and future viewpoint on advance cooling techniques for Lithium–ion battery system of electric vehicles. *Journal of Energy Storage*, 32, 101771. <https://doi.org/10.1016/j.est.2020.101771>
- Tillery, Bill W, et al. *Physical Science*. Ed ke-13. McGraw Hill LLC, 2023.
- Wang, C., Xi, H., & Wang, M. (2022). Investigation on forced air-cooling strategy of battery thermal management system considering the inconsistency of battery cells. *Applied Thermal Engineering*, 214, 118841. <https://doi.org/10.1016/j.applthermaleng.2022.118841>
- Wang, Q., Jiang, B., Li, B., & Yan, Y. (2016). A critical review of thermal management models and solutions of lithium-ion batteries for the development of pure electric vehicles. *Renewable and Sustainable Energy Reviews*, 64, 106–128. <https://doi.org/10.1016/j.rser.2016.05.033>
- Wikipedia Contributors. (2019, May 27). *Arduino*. Wikipedia; Wikimedia Foundation. <https://en.wikipedia.org/wiki/Arduino>
- Williams, N. P., Trimble, D., & S.M. O'Shaughnessy. (2023). Liquid immersion thermal management of lithium-ion batteries for electric vehicles: An experimental study. *Journal of Energy Storage*, 72, 108636–108636. <https://doi.org/10.1016/j.est.2023.108636>
- Xu, J., Duan, Q., Zhang, L., Liu, Y., Zhao, C., & Wang, Q. (2022). Experimental study of the cooling effect of water mist on 18650 lithium-ion battery at different initial temperatures. *Process Safety and Environmental Protection*, 157, 156–166. <https://doi.org/10.1016/j.psep.2021.10.034>
- Yang, Y., Yang, L., Du, X., & Yang, Y. (2019). Pre-cooling of air by water spray evaporation to improve thermal performance of lithium battery pack. *Applied Thermal Engineering*, 163, 114401. <https://doi.org/10.1016/j.applthermaleng.2019.114401>
- Yedamale Padramaja. 2003. Brushless DC (BLDC) Motor Fundamentals. DS00885A. [Terhubung Berkala] <https://ww1.microchip.com/downloads/en/AppNotes/00885a.pdf> [30 Juni 2024].

Zhao, G., Wang, X., Negnevitsky, M., & Zhang, H. (2021). A review of air-cooling battery thermal management systems for electric and hybrid electric vehicles. *Journal of Power Sources*, 501, 230001. <https://doi.org/10.1016/j.jpowsour.2021.230001>



*Mencerdaskan dan  
Memartabatkan Bangsa*