

DAFTAR PUSTAKA

800 Series Nylon Stainless Steel Air Conditioning Hose. Tersedia pada: <https://www.aeroflowperformance.com/cooling-insulation-air-conditioning/air-conditioning/a-c-hoses/800-series-nylon-stainless-steel-air-conditioning-hose> (Diakses: 15 Maret 2019).

Aris, A. M. dan Shabani, B., 2017, "An Experimental Study of a Lithium Ion Cell Operation at Low Temperature Conditions," *Energy Procedia*. Elsevier B.V., 110(December 2016), hal. 128–135. doi: 10.1016/j.egypro.2017.03.117.

Arora, S., 2018, "Selection of thermal management system for modular battery packs of electric vehicles: A review of existing and emerging technologies," *Journal of Power Sources*. Elsevier, 400(March), hal. 621–640. doi: 10.1016/j.jpowsour.2018.08.020.

Ataur, R., Hawlader, M. N. A. dan Khalid, H., 2017, "Two-phase evaporative battery thermal management technology for EVs/HEVs," *International Journal of Automotive Technology*, 18(5), hal. 875–882. doi: 10.1007/s12239-017-0085-6.

Bandhauer, T. M., Garimella, S. dan Fuller, T. F., 2011, "A Critical Review of Thermal Issues in Lithium-Ion Batteries," *Journal of The Electrochemical Society*, 158(3), hal. R1. doi: 10.1149/1.3515880.

Cengel, Y. A. dan Boles, M. A., 2015, *Thermodynamics: an Engineering Approach*. 8th ed. McGraw Hill Education. doi: 10.3109/bf03041311.

Cengel, Y. A. dan Cimbala, J. M., 2006, *Fluid Mechanics - Fundamentals and Applications*. 1st ed. McGraw Hill.

Cengel, Y. A. dan Ghajar, A. J., 2007, *HEAT and MASS TRANSFER Fundamentals and Applications*. McGraw Hill Education.

Dinçer, İbrahim, Hamut, H. S. dan Javani, N., 2017, *Thermal Management of Electric Vehicle Battery Systems, Thermal Management of Electric Vehicle Battery Systems*. John Wiley & Sons. doi: 10.1002/9781118900239.

Drake, S. J., Wetz, D. A., Ostanek, J. K., Miller, S. P., Heinzl, J. M., dan Jain, A., 2014, "Measurement of anisotropic thermophysical properties of cylindrical Li-ion

cells,” *Journal of Power Sources*. Elsevier B.V, 252, hal. 298–304. doi: 10.1016/j.jpowsour.2013.11.107.

Fatchurrohman, N. dan Chia, S. T., 2017, “Performance of hybrid nano-microreinforced mg metal matrix composites brake calliper: Simulation approach,” *IOP Conference Series: Materials Science and Engineering*, 257(1). doi: 10.1088/1757-899X/257/1/012060.

Gatta, N., Klein, A., Spickard, A., dan Zonet, T., 2012, *Formula SAE Electric Drive Control*.

Hallaj, S. Al dan Selman, J. R., 2002, “A Novel Thermal Management System for Electric Vehicle Batteries Using Phase-Change Material,” *Journal of The Electrochemical Society*, 147(9), hal. 3231. doi: 10.1149/1.1393888.

Khateeb, S. A., Farid, M. M., Selman, J. R., dan Al-Hallaj, S., 2004, “Design and simulation of a lithium-ion battery with a phase change material thermal management system for an electric scooter,” *Journal of Power Sources*, 128(2), hal. 292–307. doi: 10.1016/j.jpowsour.2003.09.070.

Kim, J., Yim, E., Jeon, C., Jung, C., dan Han, B., 2012, “Fatigue Life Prediction of a Rubber Material Based on Dynamic Crack Growth Considering Shear Effect H.,” *International Journal of ...*, 13(2), hal. 293–300. doi: 10.1007/s12239.

Leng, F., Tan, C. M. dan Pecht, M., 2015, *Effect of Temperature on the Aging rate of Li Ion Battery Operating above Room Temperature*, *Scientific Reports*. Nature Publishing Group. doi: 10.1038/srep12967.

Li, J., Zhu, Z. dan Zhu, Z., 2014, *Battery Thermal Management Systems of Electric Vehicles*. Chalmers University of Technology. Tersedia pada: <http://publications.lib.chalmers.se/records/fulltext/200046/200046.pdf>.

Liu, G., Ouyang, M., Lu, L., Li, J., dan Han, X., 2014, “Analysis of the heat generation of lithium-ion battery during charging and discharging considering different influencing factors,” *Journal of Thermal Analysis and Calorimetry*, 116(2), hal. 1001–1010. doi: 10.1007/s10973-013-3599-9.

Malik, M., Dincer, I., Rosen, M. A., Mathew, M., dan Fowler, M., 2018, “Thermal and electrical performance evaluations of series connected Li-ion batteries in a pack

with liquid cooling,” *Applied Thermal Engineering*. Elsevier Ltd, 129, hal. 472–481. doi: 10.1016/j.applthermaleng.2017.10.029.

Mudawar, I., 2001, “Assessment of high-heat-flux thermal management schemes,” *IEEE Transactions on Components and Packaging Technologies*, 24(2), hal. 122–141. doi: 10.1109/6144.926375.

Palm, B. dan Khodabandeh, R., 2003, “Choosing Working Fluid for Two-Phase Thermosyphon Systems for Cooling of Electronics,” *Journal of Electronic Packaging*, 125(2), hal. 276. doi: 10.1115/1.1571570.

Rangappa, R., Rajoo, S. dan Wen, T. L., 2013, “Heat Generation Rate and Computational Simulation for Li Ion Battery Module,” *International Scholarly and Scientific Research & Innovation*, 7(10), hal. 989–992.

Saw, L. H., Ye, Y. dan Tay, A. A. O., 2016, “Integration issues of lithium-ion battery into electric vehicles battery pack,” *Journal of Cleaner Production*. Elsevier Ltd, 113, hal. 1032–1045. doi: 10.1016/j.jclepro.2015.11.011.

Samsung SDI, 2014, *Specification of product INR18650-25R*. Tersedia pada: <http://www.datasheet-pdf.com/datasheet/Samsung/799163/INR18650-20R.pdf.html>.

Shizuoka-shi August Weather 2019. Tersedia pada: <https://www.accuweather.com/en/jp/shizuoka-shi/226089/august-weather/226089> (Diakses: 19 April 2019).

Subei, C. dan Schmitz, G., 2019, “Analysis of refrigerant pipe pressure drop of a CO₂ air conditioning unit for vehicles,” *International Journal of Refrigeration*. Elsevier Ltd. doi: 10.1016/j.ijrefrig.2019.04.005.

Wilke, S., Schweitzer, B., Khateeb, S., dan Al-Hallaj, S., 2017, “Preventing thermal runaway propagation in lithium ion battery packs using a phase change composite material: An experimental study,” *Journal of Power Sources*. Elsevier B.V, 340, hal. 51–59. doi: 10.1016/j.jpowsour.2016.11.018.