DAFTAR PUSTAKA

Akbarzadeh, M., Kalogiannis, T., Jaguemont, J., Jin, L., Behi, H., Karimi, D., Beheshti, H., Van Mierlo, J., & Berecibar, M. (2021). A comparative study between air cooling and liquid cooling thermal management systems for a high-energy lithium-ion battery module. *Applied Thermal Engineering*, 117503.

Akinlabi, A. A. H., & Solyali, D. (2020). Configuration , design , and optimization of air-cooled battery thermal management system for electric vehicles : A review. *Renewable and Sustainable Energy Reviews* , 109815.

Al-Zareer, M., Dincer, I., & Rosen, M. A. (2017). Novel thermal management system using boiling cooling for high-powered lithium-ion battery packs for hybrid electric vehicles. *Journal of Power Sources*, *363*, 291–303.

Amalesh, T., & Lakshmi Narasimhan, N. (2022). Liquid cooling vs hybrid cooling for fast charging lithium-ion batteries: A comparative numerical study. *Applied Thermal Engineering*, 118226.

Bernardi, D., Pawlikowski, E., & Newman, J. (1984). A GENERAL ENERGY BALANCE FOR BATTERY SYSTEMS Publication Date. *Journal of the Electrochemical Society*.

Cao, J., Ling, Z., Fang, X., & Zhang, Z. (2020). Delayed liquid cooling strategy with phase change material to achieve high temperature uniformity of Li-ion battery under high-rate discharge. *Journal of Power Sources*, 227673.

Celen, A. (2023). Experimental Investigation on Single-Phase Immersion Cooling of a Lithium-Ion Pouch-Type Battery under Various Operating Conditions. *Applied Sciences (Switzerland)*, *13*.

Cengel, Y. A. (2015). *Thermodynamics : An Engineering Approach INTRODUCTION AND BASIC CONCEPTS*. *8th Editio*, 1–59.

Chang, W.-Y. (2013). The State of Charge Estimating Methods for Battery: A Review. *ISRN Applied Mathematics*, *2013*, 1–7.

Chen, D., Jiang, J., Kim, G. H., Yang, C., & Pesaran, A. (2016). Comparison of

different cooling methods for lithium ion battery cells. *Applied Thermal Engineering*, *94*, 846–854.

Chen, S., Peng, X., Bao, N., & Garg, A. (2019). A comprehensive analysis and optimization process for an integrated liquid cooling plate for a prismatic lithium-ion battery module. *Applied Thermal Engineering*, 324–339.

Deng, Y., Feng, C., Jiaqiang, E., Zhu, H., & Chen, J. (2018). *E ff ects of di ff erent coolants and cooling strategies on the cooling performance of the power lithium ion battery system : A review*, 10–29.

Fan, Y., Bao, Y., Ling, C., Chu, Y., Tan, X., & Yang, S. (2019). Experimental study on the thermal management performance of air cooling for high energy density cylindrical lithium-ion batteries. *Applied Thermal Engineering*, *155*, 96–109.

Feng, X., Ouyang, M., Liu, X., Lu, L., Xia, Y., & He, X. (2018). Thermal runaway mechanism of lithium ion battery for electric vehicles : A review. *Energy Storage Materials*, 246–267.

Feng, X., Zheng, S., Ren, D., He, X., Wang, L., Liu, X., Li, M., & Ouyang, M. (2019). Key characteristics for thermal runaway of Li-ion batteries. *Energy Procedia*, *158*, 4684–4689.

Han, J. W., Garud, K. S., Hwang, S. G., & Lee, M. Y. (2022). Experimental Study on Dielectric Fluid Immersion Cooling for Thermal Management of Lithium-Ion Battery. *Symmetry*, *14*.

Han, J. W., Garud, K. S., Kang, E. H., & Lee, M. Y. (2023). Numerical Study on Heat Transfer Characteristics of Dielectric Fluid Immersion Cooling with Fin Structures for Lithium-Ion Batteries. *Symmetry*, *15*.

Jiang, G., Huang, J., Fu, Y., Cao, M., & Liu, M. (2016). Thermal optimization of composite phase change material / expanded graphite for Li-ion battery thermal management. *Applied Thermal Engineering*, *108*, 1119–1125.

Kim, G., & Pesaran, A. (2007). *Battery Thermal Management Design Modeling*. *1*, 126–133.

Li, Y., Zhou, Z., Hu, L., Bai, M., Gao, L., Li, Y., Liu, X., Li, Y., & Song, Y. (2022). Experimental studies of liquid immersion cooling for 18650 lithium-ion battery under different discharging conditions. *Case Studies in Thermal*

Engineering, *34*.

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*, 304–330.

Liu, J., Fan, Y., Wang, J., Tao, C., & Chen, M. (2022). A model-scale experimental and theoretical study on a mineral oil-immersed battery cooling system. *Renewable Energy*, *201*, 712–723.

Offer, G., Patel, Y., Hales, A., Bravo Diaz, L., & Marzook, M. (2020). Cool metric for lithium-ion batteries could spur progress. *Nature*, 485–487.

Park, S., & Jung, D. (2013). Battery cell arrangement and heat transfer fluid effects on the parasitic power consumption and the cell temperature distribution in a hybrid electric vehicle. *Journal of Power Sources*, *227*, 191–198.

Patil, M. S., Seo, J. H., Panchal, S., & Lee, M. Y. (2021). Numerical study on sensitivity analysis of factors influencing liquid cooling with double cold-plate for lithium-ion pouch cell. *International Journal of Energy Research*, *45*.

Pranoto, I., Rahman, M. A., & Waluyo, J. (2022). The Role of Pin Fin Array Configurations and Bubble Characteristics on the Pool Boiling Heat Transfer Enhancement. *Fluids*, *7*.

Ramadass, P., Durairajan, A., Haran, B. S., White, R. E., & Popov, B. N. (2002). Capacity fade studies on spinel based Li-ion cells. *Proceedings of the Annual Battery Conference on Applications and Advances*, *2002-Janua*, 25–30.

Roe, C., Feng, X., White, G., Li, R., Wang, H., Rui, X., Li, C., Zhang, F., Null, V., Parkes, M., Patel, Y., Wang, Y., Wang, H., Ouyang, M., Offer, G., & Wu, B. (2022). Immersion cooling for lithium-ion batteries – A review. In *Journal of Power Sources* (Vol. 525). Elsevier B.V.

Safdari, M., Ahmadi, R., & Sadeghzadeh, S. (2020). Numerical investigation on PCM encapsulation shape used in the passive-active battery thermal management. *Energy*, *193*, 116840.

Satyanarayana, G., Ruben Sudhakar, D., Muthya Goud, V., Ramesh, J., & Pathanjali, G. A. (2023). Experimental investigation and comparative analysis of immersion cooling of lithium-ion batteries using mineral and therminol oil.

Applied Thermal Engineering, *225*.

Suresh Patil, M., Seo, J. H., & Lee, M. Y. (2021). A novel dielectric fluid immersion cooling technology for Li-ion battery thermal management. *Energy Conversion and Management*, *229*.

Tan, X., Lyu, P., Fan, Y., Rao, J., & Ouyang, K. (2021). Numerical investigation of the direct liquid cooling of a fast-charging lithium-ion battery pack in *hydrofluoroether*. *Applied Thermal Engineering*, 117279.

Theodore L. Bergman, Adrienne S. Lavine, F. P. I. (2011). *Fundamentals of Heat and Mass Transfer, 7th Edition*. John Wiley & Sons, Incorporated, 2011.

Trimbake, A., Singh, C. P., & Krishnan, S. (2022). Mineral Oil Immersion Cooling of Lithium-Ion Batteries: An Experimental Investigation. *Journal of Electrochemical Energy Conversion and Storage*, *19*.

Wang, Y., Wang, L., Li, M., & Chen, Z. (2020). A review of key issues for control and management in battery and ultra-capacitor hybrid energy storage systems. *ETransportation*, *4*, 100064.

Wang, Y., Zhang, G., & Yang, X. (2019). Optimization of liquid cooling technology for cylindrical power battery module. *Applied Thermal Engineering*, 114200.

Wu, S., Lao, L., Wu, L., Liu, L., Lin, C., & Zhang, Q. (2022). Effect analysis on integration efficiency and safety performance of a battery thermal management system based on direct contact liquid cooling. *Applied Thermal Engineering*, *201*(PA), 117788.

Wu, S., Yan, T., Kuai, Z., & Pan, W. (2020). Thermal conductivity enhancement on phase change materials for thermal energy storage : A review. *Energy Storage Materials*, 251–295.

Wu, W., Wang, S., Wu, W., Chen, K., Hong, S., & Lai, Y. (2019). A critical review of battery thermal performance and liquid based battery thermal management. *Energy Conversion and Management*, 262–281.

Yang, D., Wang, Y., Pan, R., Chen, R., & Chen, Z. (2018). State-of-health estimation for the lithium-ion battery based on support vector regression. *Applied Energy*, 273–283.

Yang, W., Zhou, F., Zhou, H., Wang, Q., & Kong, J. (2020). Thermal performance of cylindrical lithium-ion battery thermal management system integrated with mini-channel liquid cooling and air cooling. *Applied Thermal Engineering*, 115331.

Zhang, T., Tang, Y., Guo, S., Cao, X., Pan, A., Fang, G., Zhou, J., & Liang, S. (2020). Fundamentals and perspectives in developing zinc-ion battery electrolytes: A comprehensive review. *Energy and Environmental Science*, *13*.