

MPC based power management for off-grid photovoltaic hybrid inverters using Li-ion batteries and supercapacitors
Gonschorowski, E.; Cardoso, Rafael; **Carvalho, Edivan Laercio**; de Oliveira Stein, Carlos Marcelo; Carati, Emerson Giovani; Denardin, Gustavo Weber; da Costa, Jean Patric 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p
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Optimization-based power management for battery/supercapacitor hybrid energy storage system with load estimation capability in a DC microgrid
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Real-time optimal power management for a hybrid energy storage system with battery thermal consideration and DC microgrid current estimation capability
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