



# Smart Microgrid in Industrial Park

What is the Smart Micro Grid Controller project?

The Smart Micro Grid Controller project develops intelligent equipment for microgrids, featuring integrated control and safe operation functions. This project aims to support energy developers and producers in using their investments more efficiently.

What is a smart microgrid demonstration system?

The smart microgrid demonstration system features a 100 kW/400 kW h energy storage solution based on three equally sized vanadium flow batteries. It also includes 150 kW of solar PV capacity.

What is a smart industrial park?

Smart industrial parks (SIP) are essential elements of the smart, low-carbon city. Spatially, industrial symbiosis, and industrial and urban symbiosis, can enhance the interaction of industries that could optimize the material/energy flows, reduce resource consumptions and emissions, and coordinate the interaction between industries and urban.

Are Smart Cities embracing microgrids?

Smart cities are increasingly embracing microgrids. With microgrids already in place at its port, zoo and two military bases, San Diego is now pursuing eight microgrids for city facilities. The microgrids will include solar, storage and electric vehicle charging.

@article{Qu2020TowardAG, title={Toward a Global Green Smart Microgrid: An Industrial Park in China}, author={Ming Qu and Tao Ding and Lang Huang and Xiong Wu}, journal={IEEE Electrification Magazine}, year={2020}, volume={8}, ...

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