

**KREATYWNY ENERGY POLSKA**

# Microgrid invention patent



## Microgrid invention patent

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### U.S. Patent Application for DIESEL-STORAGE INDEPENDENT MICROGRID

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The present invention discloses a diesel-storage independent microgrid and a virtual dynamic synchronous control method and system therefor. An adaptive dynamic synchronous torque ...

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### Micro grid patented technology retrieval search results

This page includes the patent name, patent number, legal status, invention/applicant, technical efficacy and accompanying drawings of Micro grid-related invention patents and utility model patents, which ...



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### SYSTEMS AND METHODS FOR INTEGRATED MICROGRID ...

The microgrid control system described in US Patent Application No. 20140252855 to Tohru Watanabe, et al. is capable of controlling multiple facilities according to characteristics of the ...



## U.S. Patent for Resilient on-site microgrid system Patent (Patent

A resilient on-site microgrid system includes a multiport power router directly connected to various energy sources, including batteries, renewable energy sources, and broader grid power, as ...

114KWh ESS



## Ipr In AI-Assisted Microgrid Systems

Facts: Same AI inventor patent dispute in the US. Judgment: AI cannot be an inventor; only humans qualify. Impact: Patents for AI microgrid optimization must attribute human contributors even ...

## U.S. Patent Application for MICROGRID Patent Application ...

Microgrids and methods for controlling a microgrid. In one example, a microgrid includes a microgrid controller, a primary junction, a high-voltage supply line, a high-voltage output line, one ...



## CONTROL OF A MICROGRID

[0014] In accordance with the present invention, at least one second DG, e.g. a diesel generator or large energy storage, is conventionally used to form the

microgrid, i.e. control the ...



- Voltage range: 691.2-947.2V
- >6000 cycles (100%DOD)
- Rated battery capacity: 216KWH (customizable)
- EMS communication: 4G/CAN/RS485

## Research on microgrid control technology based on patent analysis

Search on patent applications for microgrid control technology was conducted on a global scale, analyzing the development lifecycle, main applicants, technology development direction, ...

## Home Energy Storage (Stackble system)



-  High Efficiency
-  Easy installation
-  Safe and Reliable
-  Perfect Compatibility

- Product Introduction**
-  Scalable from 10 kWh to 50 kWh
  -  Self-Consumption Optimization
  -  Integrated with inverter to avoid the compatibility problem
  -  LFP battery, safest and long cycle life
  -  Stackable design, effortless installation
  -  Capable of High-Powered Emergency Backup and Off-Grid Function



## U.S. Patent Application for ENERGY STORAGE FOR HYBRID MOBILE MICROGRID

BACKGROUND OF THE INVENTION This disclosure relates in general to microgrids, and in particular, to an energy storage unit for a hybrid mobile microgrid. In particular, embodiments of ...

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