



# Sciyon Smart Microgrid





## Sciylon Smart Microgrid

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### Practical prototype for energy management system in smart microgrid

The conventional electrical grid faces significant issues, which this paper aims to address one of most of them using a proposed prototype of a smart microgrid energy management system.



### Smart Microgrid Management and Optimization: A Systematic Review ...

The aim is to consolidate the latest developments in smart microgrid management, focusing on energy storage technologies, AI-driven control strategies, and secure communication ...



### SCIYON ICS systems, smart energy solutions, smart industrial ...

SCIYON focuses on the field of industrial intelligence, providing ICS systems, smart energy solutions, smart industrial systems. Its core products include the NT6000 intelligent distributed control system ...

### [Review of Smart Microgrid Platform Integrating AI and Deep](#)

This review critically examines the integration of Artificial Intelligence (AI) and Deep Reinforcement Learning (DRL) into smart microgrid platforms, focusing on their role in optimizing



### Sciyon Smart Microgrid

We are working with customers and communities across the globe to install smart microgrids which integrate existing power generation assets with renewable sources to meet local energy



### Control Systems Engineering Join hands with SCIYON, A leading

On 1st March 2025, CSE and SCIYON signed an agreement, as CSE being the sole agent of SCIYON in Pakistan, for its products NT6000 DCS, Intelligent Electric Actuators, and Microgrid ...



### SCIYON Official Site

Deepen cooperation with China National Coal Group Corporation and Jiangsu Guoxin Corp! SCIYON independent controllable DCS won the bid for Guoxin Jingjiang 2×1000MW Unit expansion project ...



### Smart Microgrids



The additional layer of intelligent functionality on Microgrids, enabling real-time and transactive (2-way) information and energy flows between consumers and providers characterizes a Smart MicroGrid ...



### [How is Sciyon's smart energy storage business?](#)

Sciyon's smart energy storage business integrates advanced technologies, offering revolutionary solutions for energy management, sustainability, customer engagement, and resilience ...

### **How is Sciyon Smart Microgrid**

In this paper, we present an open architecture that uses machine learning algorithms at the edge to predict energy consumption and production for energy management in smart microgrids.

**TAX FREE**

### ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



## Contact Us

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