

# **Chen liquan talks about solar container field**





## Overview

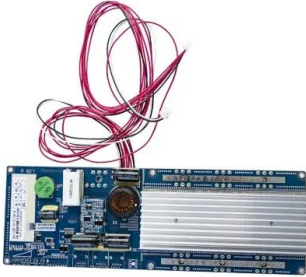
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This review presents an overview on the scientific challenges, fundamental mechanisms, and design strategies for solid-state batteries, specifically focusing on the stability issues of solid-state electrolytes and the associated interfaces with both cathode and anode electrodes. 14 (Xinhua) -- At 85, Chen Liqun, an academician at the Chinese Academy of Engineering, remains actively engaged in guiding China's battery technology revolution. Chen Liqun, a pioneer in electrochemical systems, argues that advanced storage solutions could finally let renewables outshine fossil fuels. The CAS announced the 2024 Outstanding Science and Technology Achievement Prize on Thursday, recognizing two.



## Chen liquan talks about solar container field

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### **CATL Honors Lithium Battery Pioneer Chen Liquan with Outstanding**

June 12, 2025 , Beijing, China -- CATL has presented its inaugural "Outstanding Contribution Award" to 85-year-old academician Chen Liquan in recognition of his pioneering achievements in China's ...

### **Chen liquan talks about energy storage field**

As the photovoltaic (PV) industry continues to evolve, advancements in Chen liquan talks about energy storage field have become critical to optimizing the utilization of renewable energy sources.



### **?China Daily?Pioneer laid foundation for China's battery brilliance**

His former student Zeng Yuqun, founder of CATL, the world's largest battery manufacturer, credits Chen with inspiring him to pursue innovation and excellence in the field of ...

### **CES 2025 Energy Storage Expert Advisor**

Chen Liquan, born on March 29, 1940 in Nanchong, Sichuan Province, is an expert in solid ionics and energy materials, an academician of the Chinese Academy of Engineering, a



researcher at the ...

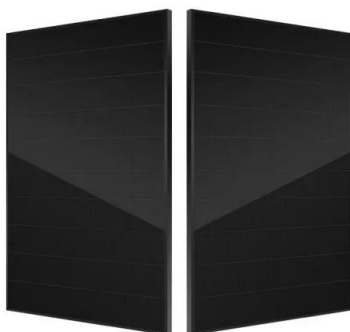


### Robin Sun's Post

Chen Liqun is a founder, pioneer and leader in the field of lithium, sodium and solid batteries in China. Since 1976, he has been engaged in and steadfastly dedicated himself to lithium battery

### "Father of Lithium Batteries"

After returning to China in 1978, Chen Liqun established the first solid-state ionology laboratory in this field, thus continuing the basic research work on solid-state ionology related to lithium batteries and ...



### China's pioneering battery scientist says academia and industry must

Fan is confident about the prospects of China's solid-state batteries, saying the achievements in lithium-ion battery technology over the past 40 years show the field's potential.



## Forty years of research on solid metallic lithium batteries: an

Li-ion batteries were first commercialized by Sony in 1991 and have been used widely in portable electronic devices, electric vehicles and grid applications. Although Li-ion batteries have achieved a ...



## Chen Liquan's Energy Storage Vision: Powering Tomorrow's Grid Today

As Chen often quips, "The best energy is what you don't waste." With storage innovation accelerating, his vision of 24/7 renewable power grids is no longer science fiction--it's becoming an engineering ...



**200kWh  
Battery Cluster**

## Profile: Pioneering explorer behind China's new energy revolution

BEIJING, Feb. 14 (Xinhua) -- At 85, Chen Liquan, an academician at the Chinese Academy of Engineering, remains actively engaged in guiding China's battery technology revolution.



### LIQUID COOLING ENERGY STORAGE SYSTEM

EMS real-time monitoring  
No container design  
flexible site layout



Cycle Life  
**≥8000**

Nominal Energy  
**200kwh**

IP Grade  
**IP55**

"In 1987, he became the chief leader of the energy storage materials (lithium polymer batteries) project of the "Seventh Five-Year Plan"; in 1999, he took the lead in establishing Beijing Xingheng Power ...



## Chen Liquan, Pioneering Explorer Behind China's New Energy ...

Chen recognized that an energy revolution to replace oil was inevitable and that solid-state lithium batteries would significantly impact China and the world in the future.



## CES 2025 Energy Storage Expert Advisor

Chen Liquan, born on March 29, 1940 in Nanchong, Sichuan Province, is an expert in solid ionics and energy materials, an academician of the Chinese Academy of Engineering, a researcher at the ...

## Chen Li-Quan's research works , Chinese Academy of Sciences, ...

Chen Li-Quan's 12 research works with 366 citations and 921 reads, including: Instability of lithium bis (fluorosulfonyl)imide (LiFSI)-potassium bis (fluorosulfonyl)imide (KFSI) system with LiCoO



## Forty years of research on solid metallic lithium batteries: an

At almost the same time, Liquan Chen studied lithium-ion conductors in Germany with Werner Weppner in 1977. When he came back to China in 1978, he initiated and pioneered the ...





## **?XINHUA NEWS?Pioneering explorer behind China's new energy ...**

BEIJING, Feb. 14 (Xinhua) -- At 85, Chen Liquan, an academician at the Chinese Academy of Engineering, remains actively engaged in guiding China's battery technology revolution. ...



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