

## European Solar Energy Storage

# Lithium battery energy storage technology course

12.8V6Ah



Nominal voltage (V):12.8  
 Nominal capacity (ah):6  
 Rated energy (WH):76.8  
 Maximum charging voltage (V):14.6  
 Maximum charging current (a):6  
 Floating charge voltage (V):13.6~13.8  
 Maximum continuous discharge current (a):10  
 Maximum peak discharge current @10 seconds (a):20  
 Maximum load power (W):100  
 Discharge cut-off voltage (V):10.8  
 Charging temperature (°C):0~+50  
 Discharge temperature (°C): -20~+60  
 Working humidity: <95% R.H (non condensing)  
 Number of cycles (25 °C, 0.5c, 100%dod): >2000  
 Cell combination mode: 32700-4s1p  
 Terminal specification: T2 (6.3mm)  
 Protection grade: IP65  
 Overall dimension (mm):90\*70\*107mm  
 Reference weight (kg):0.7  
 Certification: un38.3/msds



## Overview

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What is a Li-ion battery energy storage course?

The course on Lithium-Ion battery energy storage is designed to benefit industry scientists, engineers, program managers, and other professionals. It is intended to help them develop the necessary technical background to effectively design, develop, test, deploy, and operate Li-Ion battery energy storage systems. What you can learn in the course.

What is a lithium battery course?

This comprehensive knowledge equips participants to navigate the complexities of lithium battery technology and contribute to sustainable energy solutions. Module 1 provides a comprehensive introduction to lithium batteries, covering their components, chemistry, historical evolution, and applications.

What is a Li-ion battery engineering course for?

Our Li-ion battery engineering course is designed to benefit industry scientists, engineers, program managers, and other professionals who have a need to develop the necessary technical background to effectively design, develop, test, deploy, and operate Li-Ion battery energy storage systems. Please read our privacy policy.

What can I do with a degree in battery technology & energy management?

**Career Opportunities:** Increase your employability in the growing field of battery technology and energy storage systems. **Networking and Growth:** Access to industry connections and potential mentors in the field of battery and energy management. **Advanced Technical Skills:** Upgrade your expertise in battery design, BMS, and thermal management systems.

Where can I learn lithium-ion batteries online?

Learn Lithium-Ion Batteries, earn certificates with paid and free online courses

from CU Boulder, TU Delft, Tsinghua University and other top universities around the world. Read reviews to decide if a class is right for you.

Why should you take a lithium battery course?

By course completion, learners will achieve a thorough understanding of lithium battery technology, encompassing component identification, chemical principles, and functional operation. They will analyze technological advancements, considering their societal implications, and evaluate environmental and market impacts.

## Lithium battery energy storage technology course



### Fundamentals of Lithium-Ion Battery Technology: ...

Course is designed to benefit industry scientists, engineers, program managers, and other professionals who have a need to develop the necessary technical background to effectively design, develop, test, deploy, and operate Li-Ion ...

### Innovations in Lithium Battery Technology

Throughout this course, learners will unravel the intricate details of lithium battery technology, delving into its evolution, manufacturing processes, and quality assurance protocols.



**TAX FREE**

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

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

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

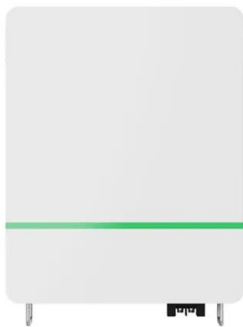
**Battery Cooling Method**  
 Air Cooled/Liquid Cooled

### Fundamentals of Lithium-Ion Battery Technology: Applications and

Course is designed to benefit industry scientists, engineers, program managers, and other professionals who have a need to develop the necessary technical background to effectively design, develop, test, deploy, and operate Li-Ion battery energy storage systems.

### Lithium Ion Batteries-Basics to Advanced Technology Course

This meticulously designed course, featuring 7 hours of video content across 56 lectures, is tailored to deepen your understanding of lithium-ion batteries and empower you with the skills needed for a successful career in the energy storage industry.

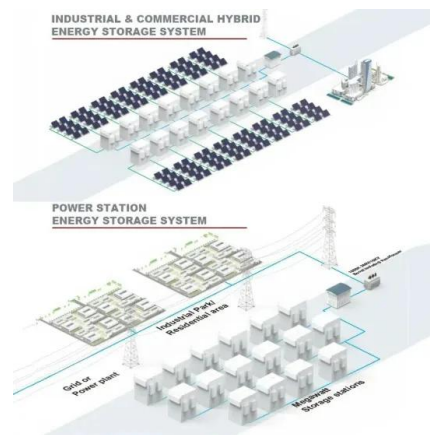


## Energy Storage Systems Certificate

If you want to have a knowledge about lithium-ion battery technologies and how they can be effectively and sustainably integrated with various energy systems, then a certificate in energy storage systems is right for you.

## 40+ Lithium-Ion Batteries Online Courses for 2025

Dive into the fundamentals, materials, and manufacturing processes of lithium-ion batteries, from cathode and anode materials to electrolytes and assembly techniques for energy storage applications.



- 100KWH/215KWH
- LIQUID/AIR COOLING
- IP54/IP55
- BATTERY 6000 CYCLES

## Energy Storage , Course , Stanford Online

This course examines two very important energy storage applications for the future: grid scale electricity and batteries. Learn about the chemistry and materials science behind these solutions, in addition to the economics that influence their development.

## Next-Gen. Energy Storage

Welcome to the course on "Next Gen. Energy Storage - Battery and Hydrogen Technology". This course is designed to offer a thorough exploration of diverse energy storage technologies, focusing particularly on battery and green hydrogen technology.

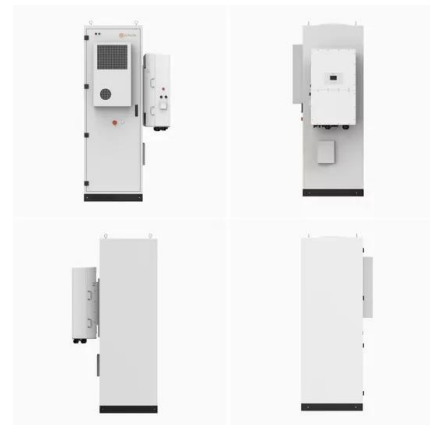


## **Battery and Battery Management Systems (BMS) ...**

This program is designed to cover every aspect of BMS, from the basics of energy storage systems and lithium-ion battery chemistry to advanced topics like BMS architecture, battery safety, thermal management, and cell balancing.

## **Foundations of Battery Energy Storage Systems**

Utility-scale battery systems are revolutionizing global power grids and driving the clean energy transition. Whether you're new to the field or a seasoned professional, this comprehensive course will equip you with the essential knowledge to thrive in the rapidly evolving renewables sector.



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## Contact Us

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