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DESCRIPTION

Super capacitors are devices that store limited amount of energy but can deliver high power. This device can be performing as standalone device or as a hybrid solution together with batteries. Super capacitor market is growing steadily and become a popular energy storage device.

Training content:

What is a super capacitor?

Super capacitor internal construction

What super capacitor provide

Super capacitor comparison (Super capacitor, Electrostatic capacitor, Rechargeable batteries)

Water based and organic electrolyte base super capacitors comparison

Super capacitor - Shapes

Super capacitor - Voltage

Super capacitor - Capacitance

Super capacitor - Energy and power

Super capacitor - Polarity

Super capacitor - Leakage current

Super capacitor - Aging

Super capacitor - Limiting factors

Asymmetric super capacitors - general

Asymmetric super capacitors - Advantages

Super capacitor -Hybrid systems

Super capacitor - Balancing

Super capacitor - Market estimations

Super capacitor - Applications

Who Should Attend:

- Battery and energy storage users
- Pack assemblers
- Cell makers
- Energy storage suppliers
- Academic researchers
- Energy storage/Power R&D engineers
- Organization Safety managers
- Battery shippers and disposals
- E-Mobility industry members
- others industry members

CONTENT

 Review Course

COMPLETION RULES

 All units must be completed

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