

The U.S. Department of Energy (DOE) today announced over \$320 million in investments to rapidly advance the Genesis Mission's artificial intelligence (AI) capabilities.

There are two main types of solar energy technologies--photovoltaics (PV) and concentrating solar-thermal power (CSP). On this page you'll find resources to learn what solar ...

Fiscal Year 2026 Budget Justification documents to support the Department of Energy Budget Request to Congress

They're like the backstage crew of the renewable energy concert. But when 80% of solar projects now require energy storage systems (ESS), how we protect these metal workhorses ...

Discover essential considerations when selecting a battery storage cabinet for lithium-ion batteries. Learn about ventilation, fire safety, certification, and best practices in lithium battery cabinet ...

In summary, ensuring effective sealing and waterproofing of energy storage cabinets is multifaceted. Critical elements include appropriate material selection, comprehensive environmental ...

Let's start with a reality check: if you're installing energy storage cabinets, you're probably not daydreaming about load-bearing calculations. But here's the kicker--getting the support ...

Stop battery overheating. This checklist details essential venting clearance and code rules for safe, compliant battery cabinet installation.

Learn about battery storage cabinets--how they're designed, the standards they meet, and the best practices for lithium-ion battery safety. Explore features like fireproof charging systems, ...

WASHINGTON --The U.S. Department of Energy (DOE) today released key studies from the National Petroleum Council (NPC) that provide comprehensive recommendations to help ...

Discover how a battery cabinet ensures safe lithium-ion storage and charging. Learn about US (NFPA 855, OSHA) and EU regulations, fire-resistant designs, and compliance standards ...

"Achieving this future requires harnessing nuclear power. This agreement enables closer collaboration between NASA and the Department of Energy to deliver the capabilities necessary to ...

With AlphaESS Energy Storage Cabinets, you can be confident that your lithium-ion batteries are stored

safely, meeting the highest industry standards. When it comes to protecting your ...

Learn more about America's energy sources: fossil, nuclear, renewables and electricity.

Let's face it - most energy storage cabinet containers are about as exciting as watching paint dry. But here's the kicker: these metal boxes hold the key to powering everything from data centers to electric ...

To compete globally, we must expand energy production and reduce energy costs for American families and businesses. America must lead the world in innovation and technology ...

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