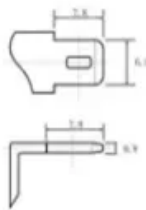
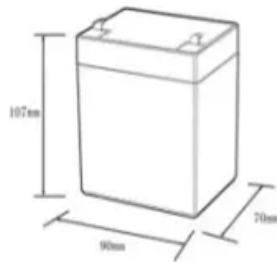


## PEES Power Systems

# Energy Storage Ultra-High Voltage New Energy Power Station

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

## Energy Storage Ultra-High Voltage New Energy Power Station

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### Why High Voltage Battery Storage Matters: Insights from the Seplos

The Seplos Ultra Power 1000 is a next-generation high voltage energy storage system designed for both on-grid and off-grid operations. Housed in a standard 20-foot container, it integrates batteries, PCS, ...

### 'A bullet train for power': China's ultra-high-voltage

Although using UHV isn't the only way to transmit renewable energy, its application in China - home to the world's largest national power system - can provide valuable lessons in a global



### 5MW/10MWh High-voltage Cascade Energy Storage Power Station

The cascade high-voltage energy storage technology allows for storage solutions not only for power plants but also across smart grid systems. This integration enhances overall energy ...

## Guangzhou plans to deploy 18 energy storage power stations worth ...

From gas electricity substitution to energy storage layout, from ultra-high voltage direct current to power transmission and transformation projects, Guangzhou is building a more green, ...



## China's Largest Grid-Forming Energy Storage Station Successfully

This marks the completion and operation of the largest grid-forming energy storage station in China. The photo shows the energy storage station supporting the Ningdong Composite ...

## Capacity planning for large-scale wind-photovoltaic-pumped hydro

To address the mismatch between renewable energy resources and load centers in China, this study proposes a two-layer capacity planning model for large-scale wind-photovoltaic-pumped ...



## Across China: Pioneering



## energy storage system lights up

The world's first intelligent grid-forming photovoltaic and energy storage power station, tailored for ultra-high altitudes, low-temperatures and weak-grid scenarios, has been connected to ...

## China is developing the world's most ambitious network to transport its

Inaugurated this year and fully operational since August, it is also the first line of its kind designed to primarily transport green energy. It is powered by plants with a total capacity of 17.6



## Optimal Design of High-Voltage Cascaded Energy Storage System

The research results provide a comprehensive theoretical and practical reference for the optimal design of high-voltage cascaded energy storage systems and contribute to promoting their application in the ...

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