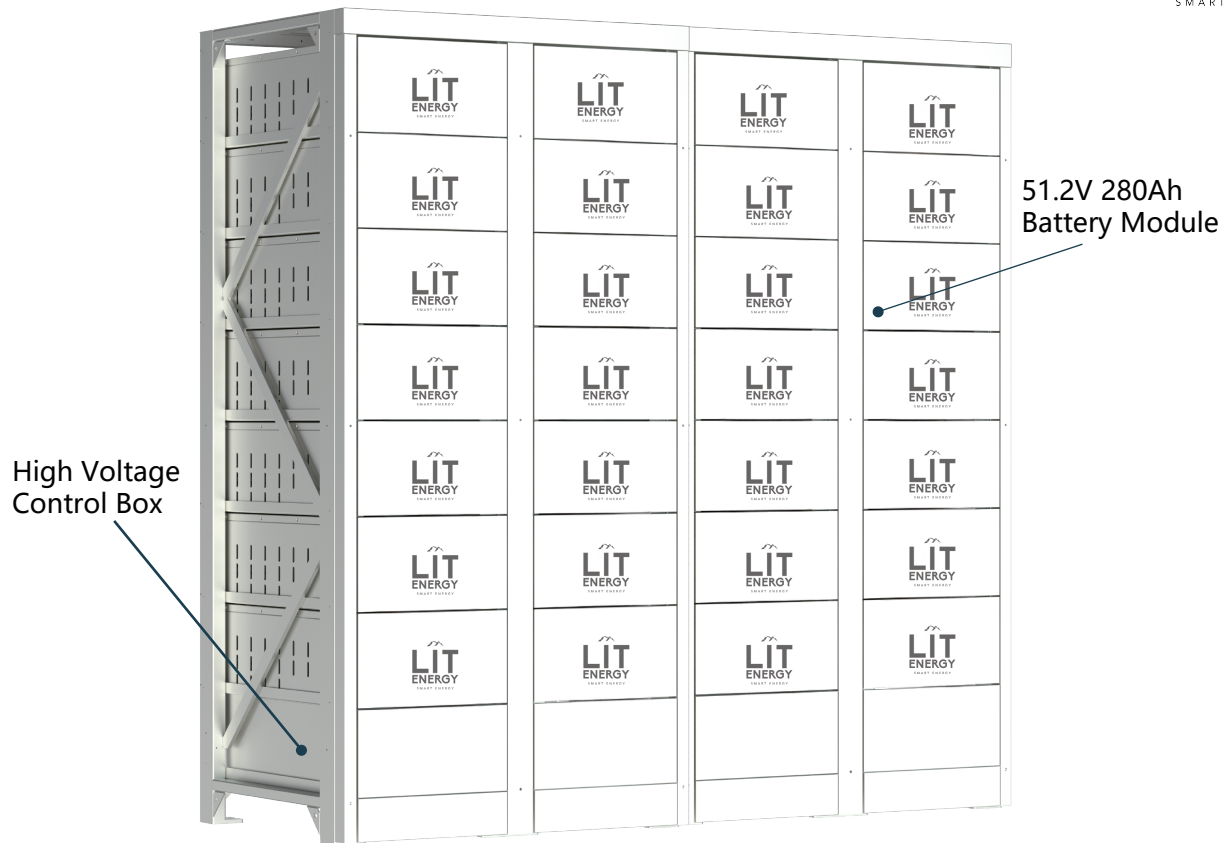




LITHV
LITHIUM BATTERY SOLUTION

WWW.LITSENERGY.COM



Ranging from 200kWh to 5.6MWh High-Voltage Battery With Advanced Module Balancing

High-Capacity Flexible High-Voltage Lithium Battery Solution: This system with a total capacity of up to 5.6MWh, expandable to a maximum of 28 clusters, 200kWh per cluster, configurable and scalable on demand. Each cluster features independent intelligent control and active balancing, ensuring high system efficiency, stability, and long lifespan. Modular design for easy deployment and maintenance, empowering you to build a sustainable energy system for the future..



Massive Energy Capacity:

Ranging from 200kWh to 5.6MWh, providing substantial power for a wide range of applications.



Scalable Flexibility:

Expandable up to 28 clusters, configurable to meet current and future energy needs.



Modular Power Units:

200kWh per cluster allows for tailored capacity deployment.



Intelligent Cluster Management:

Independent control per cluster ensures optimal performance and safety.



Active balancing technology:

Hassle-Free Module Replacement With Automated Smart Balancing Between Modules



Simplified Deployment & Maintenance:

Modular design facilitates easy installation and servicing.

**Grid-Scale & Renewables:**

Grid stabilization, peak shaving, renewable integration.

**Commercial, Industrial & Critical Infrastructure:**

Peak shaving, backup power, energy efficiency, reliability for businesses and key facilities.

**High-Power Industry:**

Stable power for large equipment, energy recovery.



Model	LITHV-200-5600
Battery Module Voltage(V)	51.2V
Battery Module Capacity(Ah)	280Ah
Battery Module Energy(kWh)	14.336kWh
Battery Cluster Voltage(V)	716.8V
Battery Cluster Capacity(Ah)	280Ah
Battery Cluster Energy(kWh)	200.704kWh
Max Continuous Charge/Discharge Current(A)	140A
Max Charge/Discharge Current(A)(60 Seconds)	280A
Battery Cell	Grade A New Cells
Cycle life	>6000 times @80%DOD@0.5C@25 °C
Dimension(mm)	1036 (W) × 2112 (H) × 808(D)
High Voltage Cabinet	●
Active Balancing	●
Parallel Connection	Up to 28 clusters
System Capacity Range	200kWh to 5600kWh

1*Cluster	200.704 kWh
2*Clusters	401.408kWh
3*Clusters	602.112kWh
4*Clusters	802.816kWh
.....	
13*Clusters	2609.152kWh
.....	
28*Clusters	5619.712kWh