

# CATALOG



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## About the product

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Energy Storage Product Solutions /  
Energy Storage Connectors / Bolt Connectors /

## Qualification certification

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CE Certification / RoHS Certification /  
UL Certification / ISO Certification /  
System Certification / Patent Certification /

# ENERGY STORAGE PRODUCT SOLUTIONS

## Push-in energy storage connectors

- ◆ Rated current: 40A~450A
- ◆ Rated voltage: 1500V DC
- ◆ Passed CE, UL, ROHS and other product certifications
- ◆ A number of independent patents have been obtained



Industrial/commercial energy storage

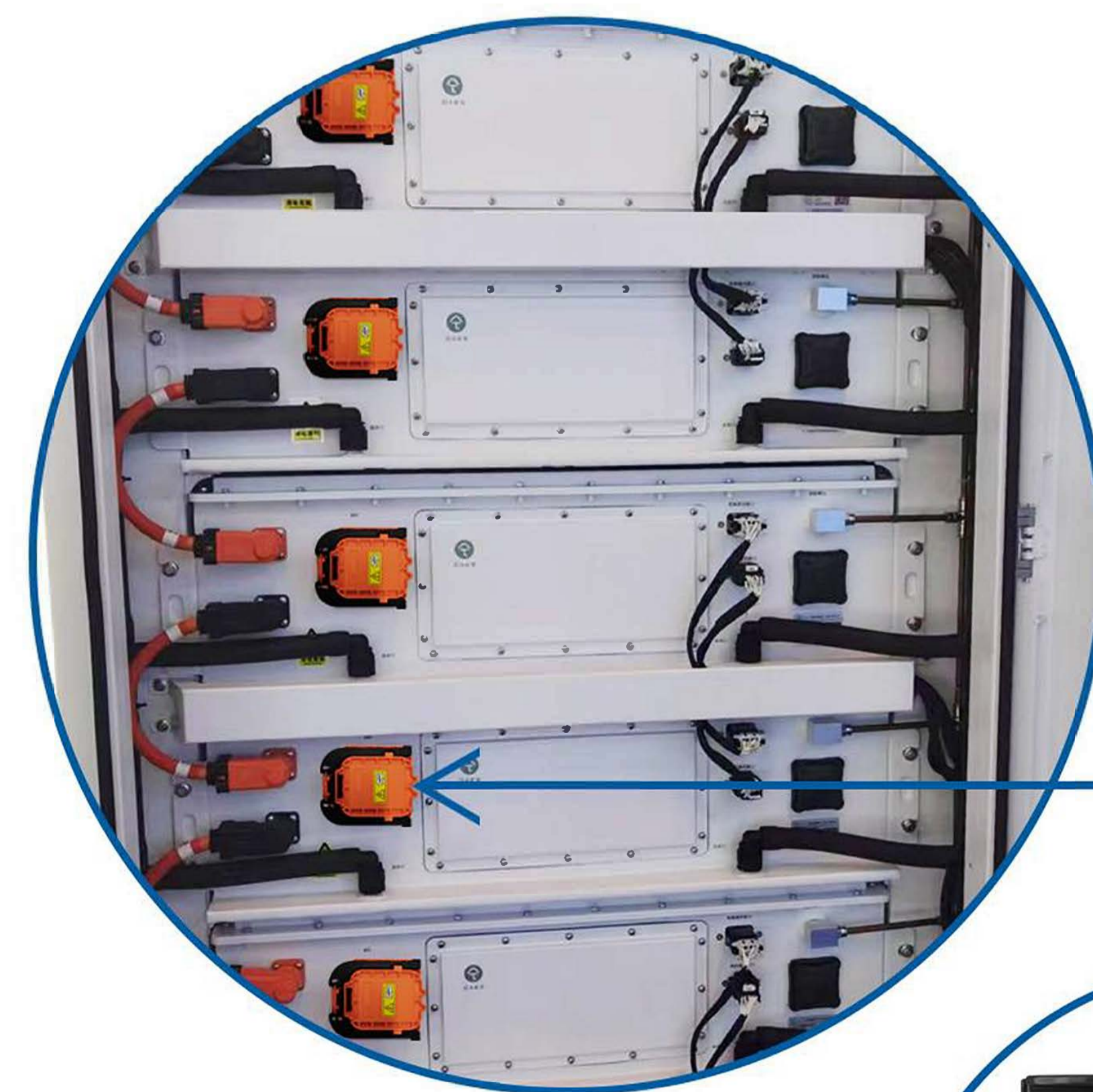
## Bolt connector

- ◆ Rated current: 40A~400A
- ◆ Rated voltage: 1500V DC
- ◆ The structure adopts anti-arc design
- ◆ Performance: Low temperature rise, safe and reliable connection



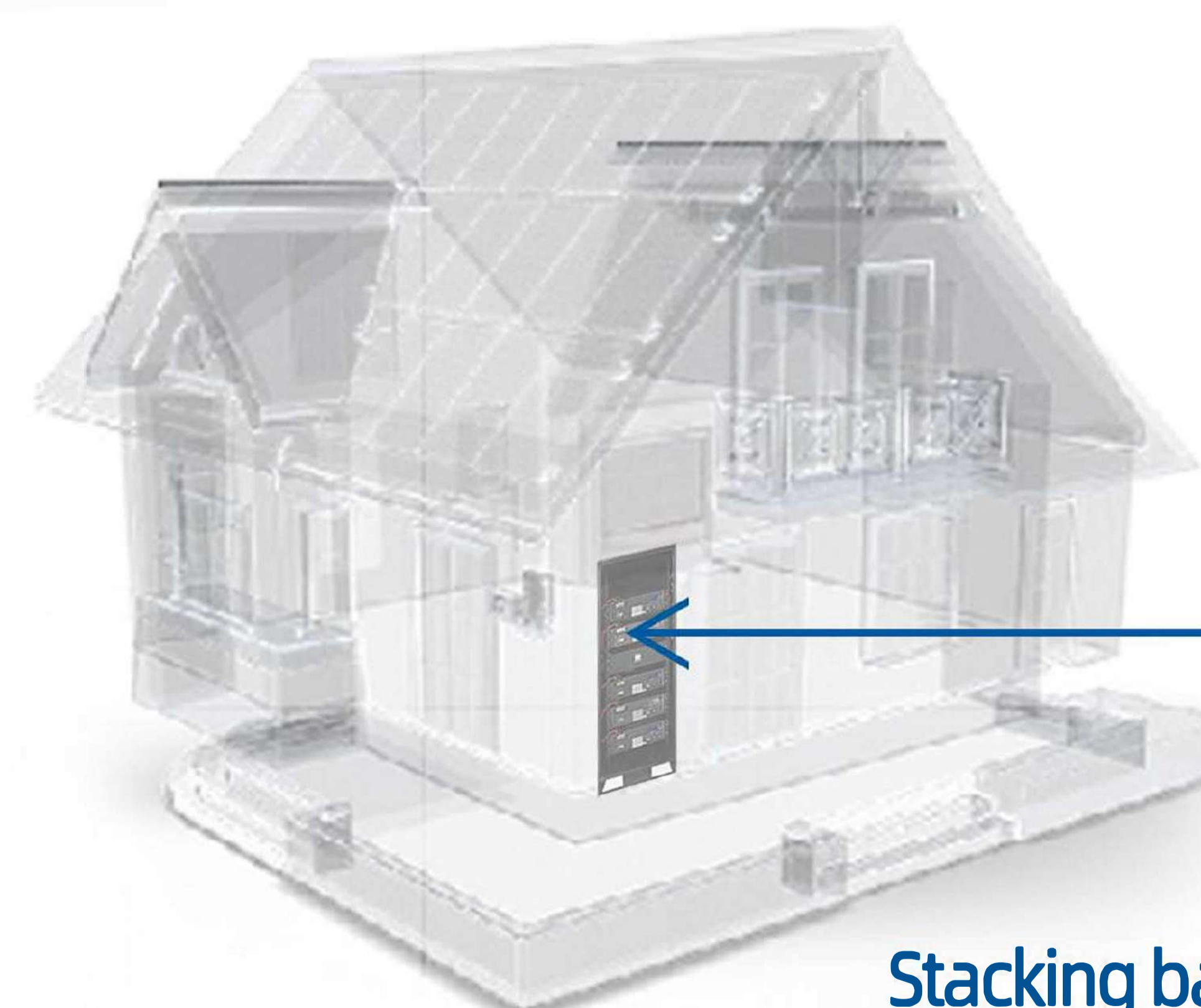
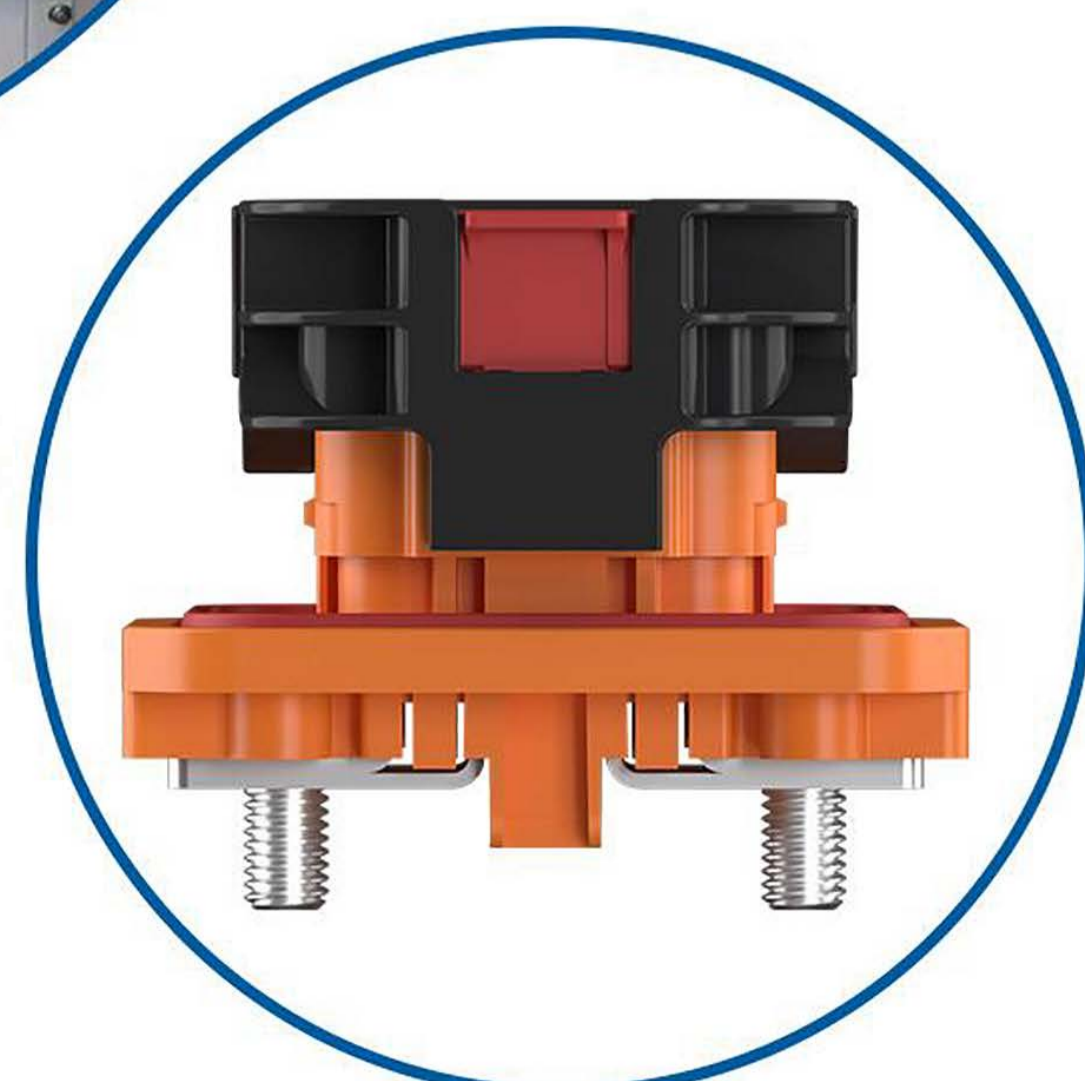
## Busbar connectors

- ◆ Rated current: 70A~600A
- ◆ Rated voltage: 1500V DC
- ◆ The structure adopts anti-arc design
- ◆ Performance: Low temperature rise, safe and reliable connection



## MSD manual service switches

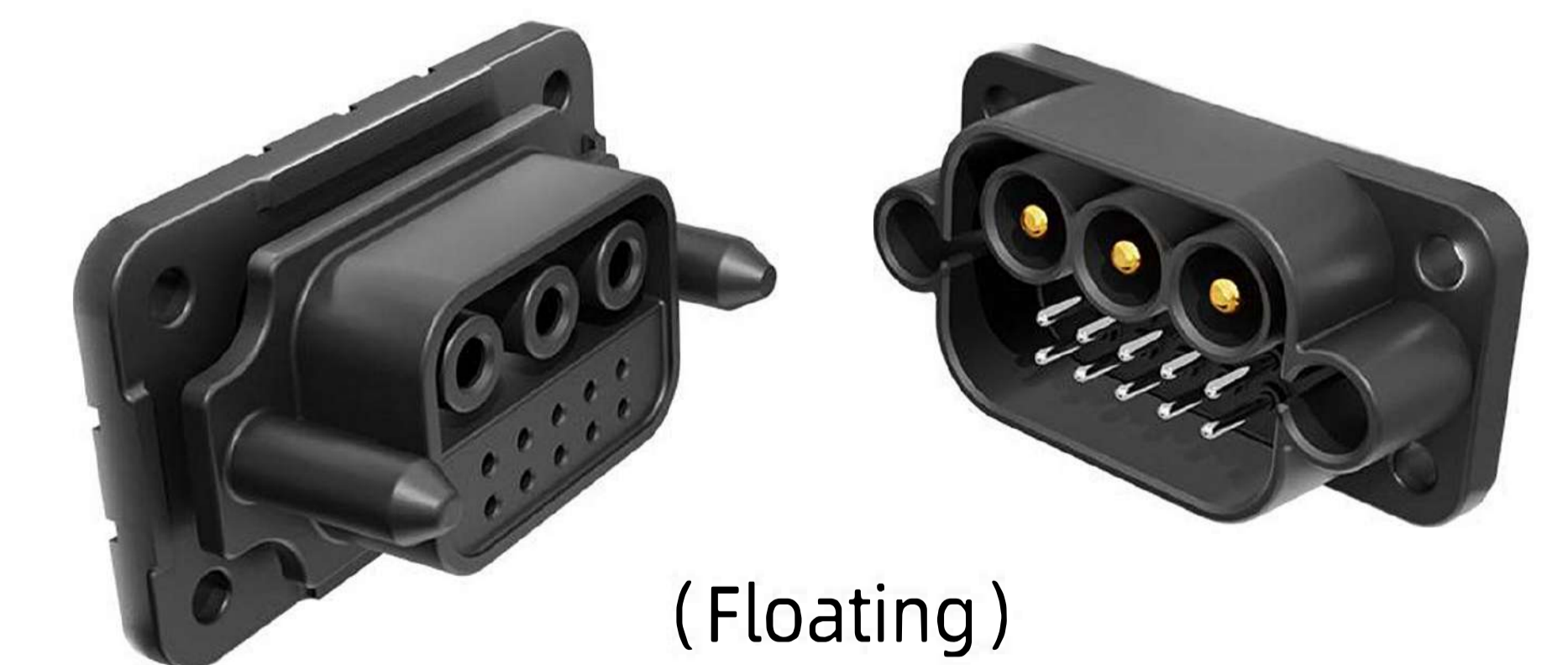
- ◆ Rated current: 350A
- ◆ Rated voltage: 1500V DC
- ◆ Degree of protection: IP67 / UL94 V-0



Household energy storage

## Stacking battery swap connectors

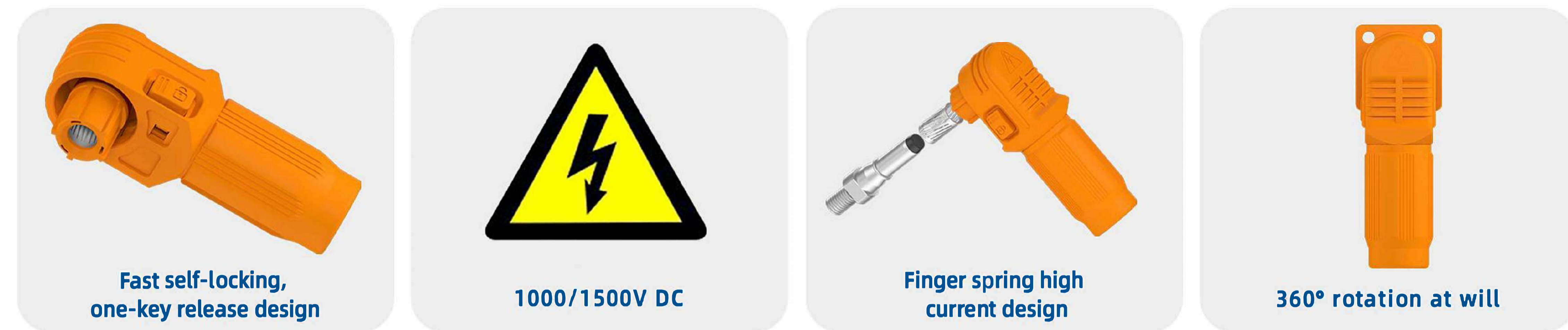
- ◆ Rated current: 50A~240A
- ◆ Adopt floating / fixed design
- ◆ Insulation Resistance: >10MΩ @ 500V DC



## ENERGY STORAGE CONNECTORS

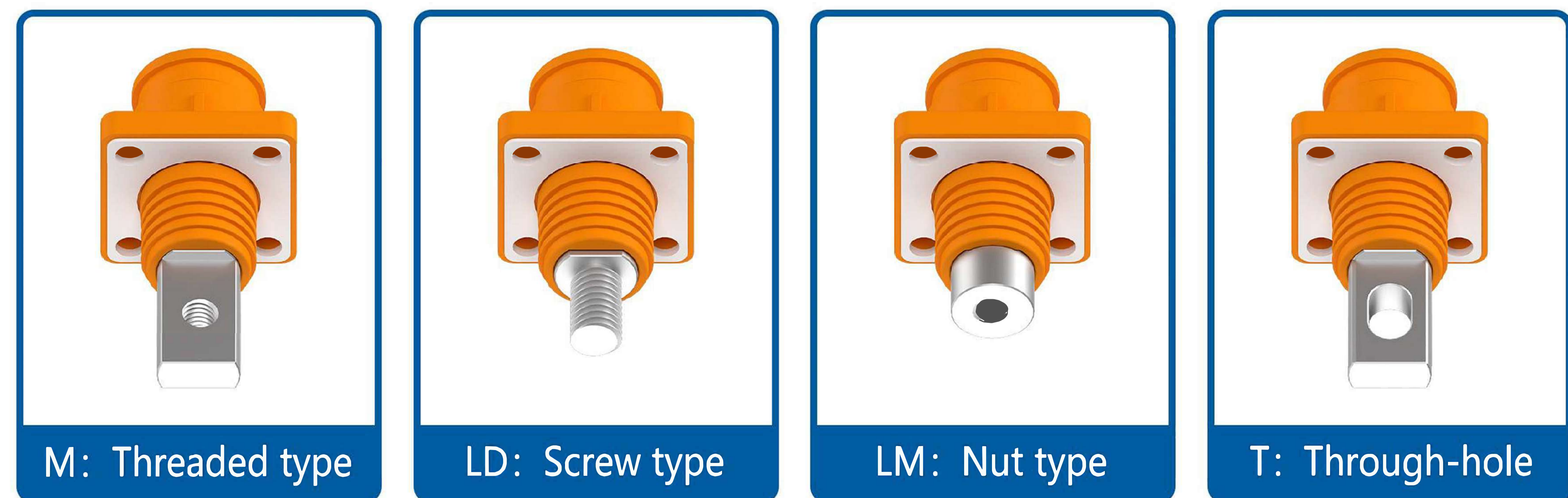
### Introduction to energy storage connectors ..... ENERGY STORAGE CONNECTORS

CN series products are connectors for energy storage systems, which are a high-voltage connector specially designed and developed by our company for the energy storage industry, which mainly includes: 70A~120A, 150A~200A, 250A~300A, 250A~350A, 400A~450A, a total of five series.



- ◆ UL1977/4128 certification.
- ◆ The contact is made of high-quality copper alloy material to ensure the stability of the electrical connection.
- ◆ The design of the connector incorporates an indispensable latching system to ensure a clear electrical and mechanical connection.
- ◆ The connector housing is made of thermoplastic material, which is not only durable, but also has excellent dielectric, mechanical properties and meets the environment through lead-free certification.

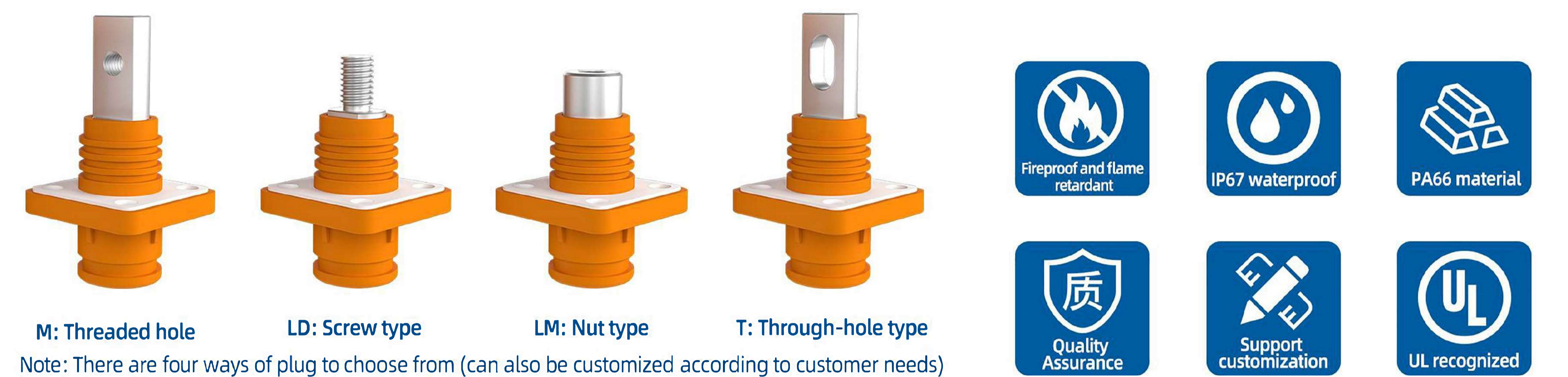
Category model	Adapt the cable	Current rating
CN06	10/16/25mm <sup>2</sup>	70A/100A/120A
CN08	35/50/70mm <sup>2</sup>	150A/200A/250A
CN12-C	50/70/95mm <sup>2</sup>	200A/250A/300A
CN12	70/95/120mm <sup>2</sup>	250A/300A/350A
CN14	150/185mm <sup>2</sup>	400A/450A



Note: The above terminal connection methods and specifications can be customized according to customer needs.

## ENERGY STORAGE CONNECTORS

### CN06 Energy Storage Connector(120A) ..... CN06 ENERGY STORAGE CONNECTOR(120A)



Note: There are four ways of plug to choose from (can also be customized according to customer needs)

Technical parameters			
Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	70A/100A/120A	Rated voltage	1000V / 1500V DC
Contact resistance	≤0.2mΩ(100mA)	Insulation resistance	>500MΩ
Plugging force	≤75N	Dielectric strength	3000V / 4000V AC
Number of mating cycles	≥500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	10mm <sup>2</sup> /16mm <sup>2</sup> /25mm <sup>2</sup>	Operating temperature	-40~125°C

## ENERGY STORAGE CONNECTORS

### CN08 Energy Storage Connector(200A) ..... CN08 ENERGY STORAGE CONNECTOR(200A)



### Technical parameters

Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	150A/200A/250A	Rated voltage	1500V DC
Contact resistance	≤0.2mΩ(100mA)	Insulation resistance	>500MΩ
Plugging force	≤75N	Dielectric strength	4000V AC
Number of mating cycles	≥500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	35mm <sup>2</sup> /50mm <sup>2</sup> /70mm <sup>2</sup>	Operating temperature	-40~125°C

## ENERGY STORAGE CONNECTORS

### CN12-C Energy Storage Connector(300A) ..... CN12-C ENERGY STORAGE CONNECTOR(300A)



### Technical parameters

Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	200A/250A/300A	Rated voltage	1500V DC
Contact resistance	≤0.2mΩ(100mA)	Insulation resistance	>500MΩ
Plugging force	≤75N	Dielectric strength	4000V AC
Number of mating cycles	≥500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	50mm <sup>2</sup> /70mm <sup>2</sup> /95mm <sup>2</sup>	Operating temperature	-40~125°C

## ENERGY STORAGE CONNECTORS

### CN12 Energy Storage Connector(350A) ..... CN12 ENERGY STORAGE CONNECTOR(350A)



### Technical parameters

Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	250A/300A/350A	Rated voltage	1500V DC
Contact resistance	≤0.2mΩ(100mA)	Insulation resistance	>500MΩ
Plugging force	≤75N	Dielectric strength	4000V AC
Number of mating cycles	≥500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	70mm <sup>2</sup> /95mm <sup>2</sup> /120mm <sup>2</sup>	Operating temperature	-40~125°C

## ENERGY STORAGE CONNECTORS

### CN14 Energy Storage Connector(450A) ..... CN14 ENERGY STORAGE CONNECTOR(450A)



### Technical parameters

Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	400A/450A	Rated voltage	1500V DC
Contact resistance	≤0.2mΩ(100mA)	Insulation resistance	>500MΩ
Plugging force	≤75N	Dielectric strength	4000V AC
Number of mating cycles	≥500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	150mm <sup>2</sup> /185mm <sup>2</sup>	Operating temperature	-40~125°C

## BOLT CONNECTOR

Features:		Technical parameters	
<b>Outlet</b>	360° rotation, multi-directional outlet	<b>Material</b>	PA66/H59 Brass is nickel-plated
<b>Structure</b>	Arc-resistant design	<b>Rated voltage</b>	1000V/1500V DC
<b>Performance</b>	Low temperature rise, safe and reliable connection	<b>Dielectric strength</b>	3000V/4000V AC
<b>Color</b>	It has positive and negative orange and black color error-proofing recognition	<b>Mounting screws</b>	M4



Application field: energy storage cabinet, energy storage station, battery packs, industrial and commercial energy storage, etc

## COPPER BAR CONNECTOR

Features:		Technical parameters	
<b>Outlet</b>	Copper bars can be produced on all sides	<b>Material</b>	PA66/T2Y pure copper nickel plated
<b>Structure</b>	Arc-resistant and waterproof design	<b>Rated voltage</b>	1500V DC
<b>Performance</b>	Low temperature rise, safe and reliable connection	<b>Dielectric strength</b>	4000V AC
<b>Color</b>	It has positive and negative orange and black color error-proofing recognition	<b>Ingress protection</b>	IP67\UL94 V-0



Application field: energy storage cabinet, energy storage station, battery packs, industrial and commercial energy storage, etc

**Rated current: 100A/120A      Screw screws: M6**



LSP120-M6



LSP120-LD6



LSP120-LM6

**Rated current: 150A/200A      Screw screws: M6/M8**



LSP200-M6



LSP200-LD8



LSP200-LM6

**Rated current: 300A/350A/400A      Screw screws: M8/M10**



LSP400-M8




LSP400-LD10

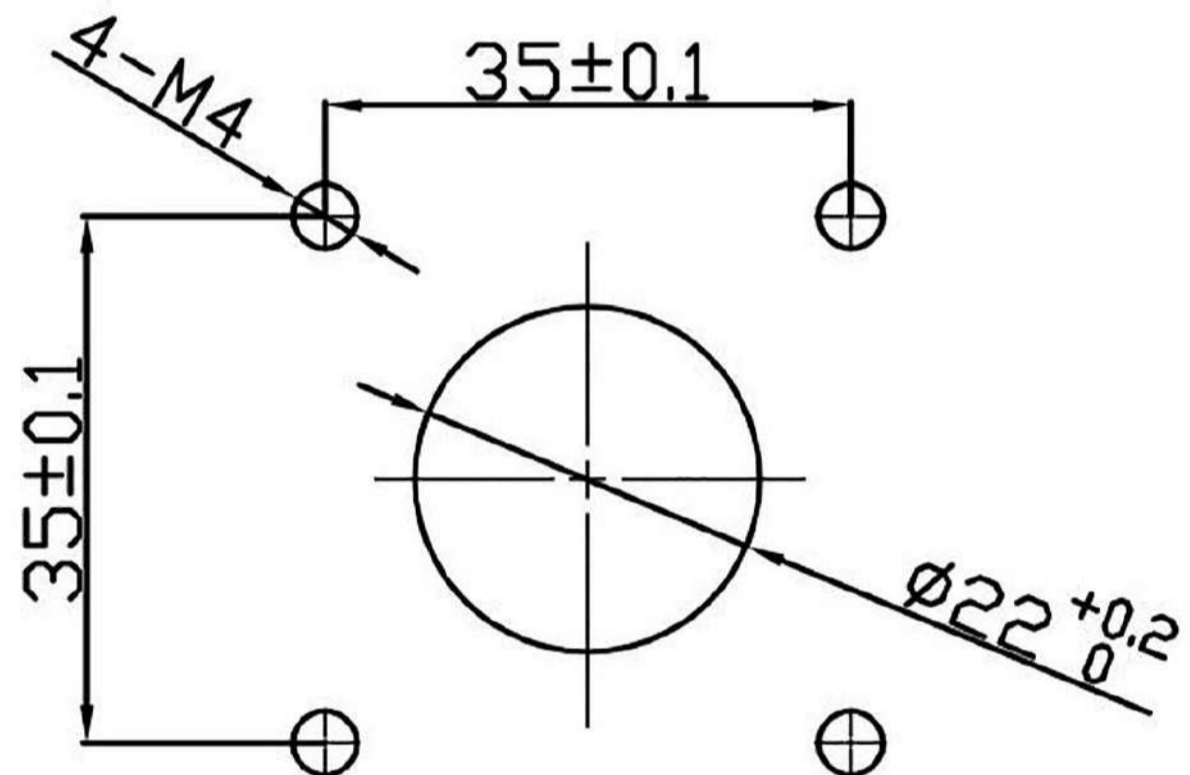


LSP400-LM8

**JC-TP250-SW01/02-M8**




**Rated current: 200A/250A**

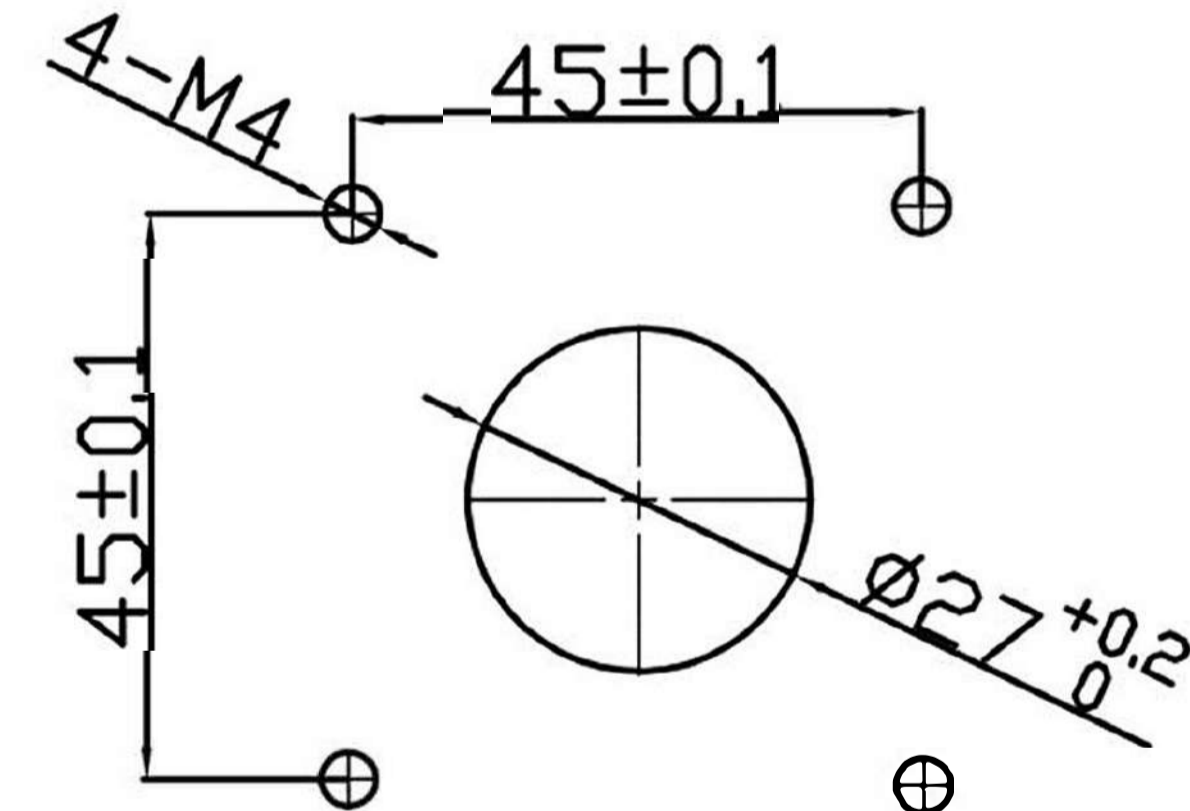


Mounting panel size

**JC-TP350-SW01/02-M10**




**Rated current: 300A/350A**

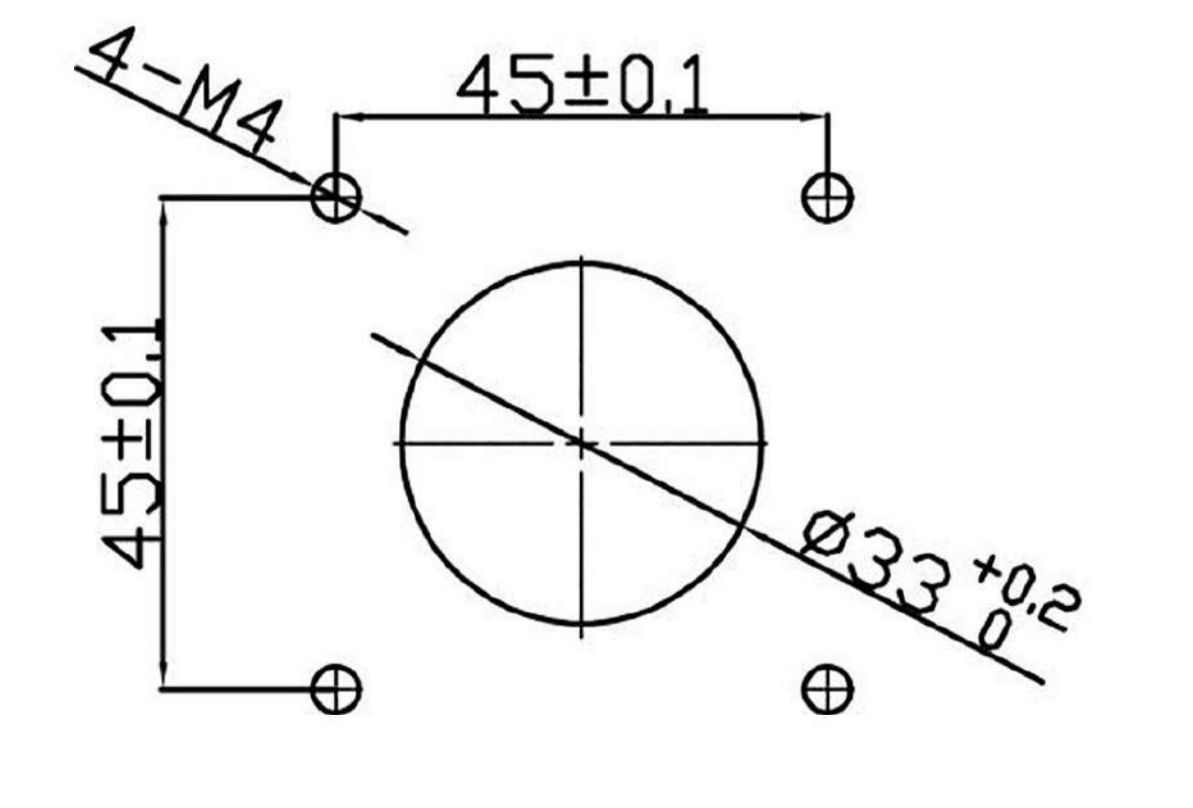


Mounting panel size

**JC-TP600-SW01/02-M10**



**Rated current: 400A/450A/600A**



Mounting panel size

# ACCREDITATION

UL certification



RoHS certification



CE certification



ISO9001



ISO13485



IATF16949



# ACCREDITATION



The company has obtained ISO9001, IATF16949, ISO13485, FDA and other certifications to provide customers with satisfactory services. RJC's services are widely praised in domestic and foreign markets. Whether seeking OEM service or application engineering support, customers can discuss procurement needs or new ideas with the technical service team.

## Patent authentication

