

PRODUCT APPLICATION FOR ELECTRICAL VEHICLE INTER-CONNECTION



HVIL Connector

Thermoplastic/Metal shell optional; Various amperage for different wire sizes; Multiple coupling keys for error-proof mating; Secondary lock to guarantee secured coupling; Excellent conductivity and insulation performance.

Rated Current	Rated Voltage	No. of Poles	Wire Sizes
16A~500A	1000V DC	1~6	2.5~150mm ²

MSD Connector

Secondary lock to guarantee secured coupling; Crown spring socket terminal to reduce temperature rise significantly, and extend mating circles; Easy handling without any tool; Multiple fuse rating optional.

Rated Current	Rated Voltage	No. of Poles
80A~630A	1500V DC	2

BATTERY STORAGE CONNECTORS

Connector and Cable Solutions for Energy Storage Systems



Battery Storage Connector

Shielding; 360° revolving plug; 60A-500A current range; Multiple installation methods; Three colors; Secure secondary locking; Silver-coated copper contacts for unparalleled conductivity.

Rated Current	Rated Voltage	No.of Cores	Wire Sizes
60A~500A	1000V/1500V DC	Single	10~150mm ²



Through Wall Power Terminal

PA66 material shell; Insulated and flame retardant; Contacts made of red copper/brass; Highly conductive; Good elasticity; Large contact surface; Two colors are available.

Rated Current	Rated Voltage	No.of Cores	Thread Sizes
60A~500A	1000V DC	Single	M5~M10



Panel Feed-Through Barrier Terminal

Multiple current options; Pure copper thickened conductor; Good electrical conductivity; PA66 plastic shell; Flame retardant; Two colors are available; Support customization requests.

Rated Current	Rated Voltage	No.of Cores	Wire Sizes	Pitch
30A~250A	600V DC	2~16	2.5~150mm ²	11~27mm



Forklift Connector

PC shell; High temperature resistance and corrosion resistance; Multiple color codes to prevent mis-insertion; Copper plated with silver; Good electrical conductivity; Shrapnel with positioning slots good contact.

Rated Current	Rated Voltage	No.of Cores	Wire Sizes
15A~350A	600V DC	1~3	6~70mm ²



Battery Quick Swap Connector

Complying with USCAR-2 standard; High energy efficiency; High mating life circles; Low maintenance cost; Suitable for quick swap for battery in quick swapping station and in electric vehicle.

Rated Current	Rated Voltage	No. of Poles	Wire Sizes
150A~400A	1500V DC	2+1+30	35~120mm ²



Type 2 EV Charging Connector and Cable

Complying with 62196-2 IEC 2010 SHEET 2-IIe standard; Rated current 16A/32A; Multiple shell color for options; Compact design; Customized cable length; TUV certification.

Rated Current	Rated Voltage	Gender	Wire Sizes
16A	250V AC	Female	3*2.5mm ² +1*0.5mm ² 5*2.5mm ² +1*0.5mm ²
32A	415V AC	Male	3*6mm ² +1*0.5mm ² 5*6mm ² +1*0.5mm ²



Signal Connector

Removable pins/sockets; Compact design; High density interconnection; High transmission performance; Easy to install and dismantle.

Rated Current	Rated Voltage	No. of Poles	Wire Sizes
5A~13A	500V DC	2~50	0.25~1.5mm ²



Hybrid Connector

Compact design, space-saving; Bayonet coupling to prevent accidentally unlocking. Easy coupling and quick releasing; Optional number of signal ways.

Rated Current	Rated Voltage	No. of Poles
45A~250A	1000V DC	2~24

| High-voltage cable assemblies and wire processing (customizable)

