Energy storage battery pack connector accessories

Product Introduction

AP-HVLB90 battery connector is the interconnection interface of the batteries inside the energy storage module. It is snap-connected through plugs and sockets and separated by pressing and pulling.



Product Features

- Internal battery interconnection interface of energy storage module
- Plug and socket are connected by snap-on connection and separated by pressing and pulling
- Meets RoSH environmental requirements
- Certification: CE and Customized according to customer needs

Technical performances

01 Mechanical Performance

Plastic shell PA66+G/F

Contact terminal Copper Alloy, Gold-plated

Mechanical life ≥500 times

02 Environmental performance

Operating temperature -40°C~125°C Flame-retardant grades UL94 V-0

03 Electrical performance

 Rated current
 45A

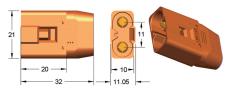
 Contact resistance
 ≤0.3mΩ

 Insulation resistance
 ≥5000MΩ

 Working voltage
 5000 AC/DC

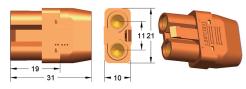
Performance Specifications

Male Connector: AP-HVLB90-2YM



- ▲ Adaptive wire specifications: 10AWG or 6mm2, wire outer diameter is no more than 5.5mm
- ▲Product Code: 60571

Female Connector: AP-HVLB90-2YF



- ▲ Adaptive wire specifications: 10AWG or 6mm2, wire outer diameter is no more than 5.5mm
- ▲Product Code: 60572

| Energy Storage Battery Connector Product Specification | | | | |
|--|---------------|-------------------------|------------|---------------------|
| Code | Туре | Wire outer diameter(mm) | Current(A) | Wire Specifications |
| 60571 | AP-HVLB90-2YM | ≥5.5 | 120 | 10AWG or 6mm2 |
| 60572 | AP-HVLB90-2YF | ≥5.5 | 120 | 10AWG or 6mm2 |