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

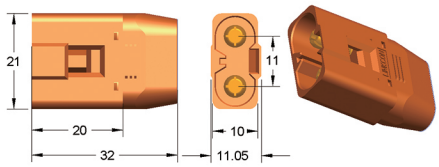
Operating temperature	-40℃~125℃
Flame-retardant grades	UL94 V-0

03 Electrical performance

Rated current	45A
Contact resistance	≤0.3mΩ
Insulation resistance	≥5000MΩ
Working voltage	500V AC/DC

Performance Specifications

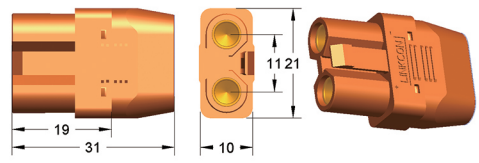
Male Connector：AP-HVLB90-2YM



▲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	Type	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