



## 500A Waterproof High Voltage Battery Box Connector Black

Part Number:

**FPBOX5510-HA-T8-RH**



### Basic Information

Body Style	Square
Color	Black

### Material Specification

Contact Finish	Tin Plating
Contact Material	Copper Alloy
Flammability	UL94 V-0
Shell Material	Plastic

### Mechanical Specification

Inside Thread	M8
Mounting Type	Panel Mount
Termination Method	Busbar

### Electrical Specification

Insulation Resistance	≥5000MΩ
Rated Current	500A
Rated Voltage	1500V
Test Voltage	3000VDC

### Environmental Specification

Ingress Protection	IPXXB (Mated)
Operating Temperature	-40°C to +125°C
Salt Spray Resistance	48H

### How to Order

1. Specify the upper and lower mounting thread specifications.
2. Specify the panel cutout shape.
4. Specify whether waterproofing is required.
1. Specify the rated current.
5. Specify whether a protective cap is needed.
6. Specify the main body color.

**FOR EXAMPLE:**

The product with an installation end M8 internal thread structure, a two-ear flange mounting base, a 500A rated current, and an insulation protective cover has the part number RHT-FM8-3457-32-500A-C.

### Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.