

2 Pole Connectors For Battery Applications 1000MΩ Insulation Resistance 50-350A

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TLC
- Certification: CE
- Model Number: G, BMC
- Minimum Order Quantity: 500
- Price: USD
- Packaging Details: Carton
- Delivery Time: 5-30 working days
- Payment Terms: T/T
- Supply Ability: 100K pcs per month



Product Specification

- Application: Battery
- Connector Style: Modular
- Insulation Resistance: 1000MΩ
- Terminal Type: Crimp/Solder
- Product Name: Battery Modular Connectors
- Current Rating: 50A-350A
- Connector Type: Wire-to-Wire
- Highlight: **50A Battery Modular Connectors,**
350A Battery Modular Connectors,
350A 2 Pole Connectors For Battery



BMC2 Series

2-POLE CONNECTORS

Specifications

Operating Temperature

Range -20°C to 105°C

Flammability of Housing

UL 94 V-0

Rated Voltage

600 Volts AC & DC

Dielectric Voltage Withstand

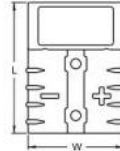
2200 Volts DC

Housing — 50 to 350 Amperes

Material

Housing: polycarbonate

Spring: Stainless



SERIES	ITEM NO.	HOUSING COLOR CODE				RATED CURRENT	DIMENSION mm (inch)			Q'TY BOX
							W	H	L	
50	G992	Red	Black	Blue	Grey	50 Amperes	34.9 (1.374)	15.9 (626)	48.0 (1.890)	25
120	G6810	Red	Grey	Blue		120 Amperes	46.2 (1.818)	15.0 (551)	63.5 (2.500)	10
175	G940	Red	Blue	Yellow	Grey	175 Amperes	53.7 (2.114)	24.8 (976)	79.2 (3.118)	5
350	G906	Red	Blue	Yellow	Grey	350 Amperes	69.8 (2.748)	33.3 (1.311)	108.0 (4.252)	2

Note: The colors what you require according to housing color code .
For example : G992- RED

Contact — 50 to 350 Amperes

Material

Contact: Copper

Plating: Silver



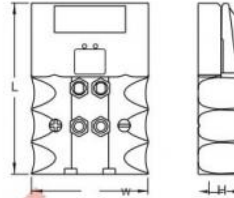
SERIES	ITEM NO.	RATED CURRENT	PLATING	WIRE RANGE mm (A.W.G.)	DIMENSION mm (inch)				TOOLS	Q'TY BOX
					L	E	D1	D		
50	S5915	50 Amperes	Silver	4-6 (12-10)	29.7 (1.169)	12.0 (472)	3.6 (142)	7.1 (280)	IZUMI SN18	500
	S5952			8 (8)	29.7 (1.169)	12.0 (472)	4.8 (189)	7.1 (280)		500
	S5900			14 (6)	29.7 (1.169)	12.0 (472)	5.8 (228)	7.1 (280)		500
120	S1319G6	120 Amperes	Silver	14 (6)	49.9 (1.965)	22.5 (886)	5.7 (224)	11.1 (437)	IZUMI UB-412G	200
	S1319G4			22 (4)	49.9 (1.965)	22.5 (886)	7.7 (303)	11.1 (438)		100
	S1319			38 (2)	49.9 (1.965)	22.5 (886)	8.8 (343)	11.1 (439)		100
175	S1384	175 Amperes	Silver	22 (4)	59.0 (2.323)	26.5 (1.043)	7.5 (295)	13.0 (512)	IZUMI UB-412G	100
	S1383			38 (2)	59.0 (2.323)	26.5 (1.043)	8.9 (350)	13.0 (512)		100
	S1382			60 (1/0)	59.0 (2.323)	26.5 (1.043)	11.2 (9.441)	13.0 (512)		50
650	S917	350 Amperes	Silver	70 (2/0)	78.1 (3.075)	32.0 (1.260)	12.6 (496)	18.4 (724)	IZUMI UB-412G	25
	S916			80 (3/0)	75.9 (2.988)	33.1 (1.303)	14.8 (583)	19.7 (776)		25
	S908			100 (4/0)	77.5 (3.051)	34.0 (1.339)	16.3 (642)	20.8 (819)		25
	S910			150 (300MCM)	78.1 (3.075)	34.0 (1.339)	19.2 (756)	24.2 (953)		25

2-POLE CONNECTORS with auxiliary contactsFingerproof type

Specifications

Operating Temperature
Flammability of Housing
Rated Voltage
Dielectric Voltage Withstand

Range -20°C to 105°C
94 V-0
600 Volts AC & DC
2200 Volts DC



Housing—160 to 320 Amperes

Material

Housing: polycarbonate
Spring: Stainless

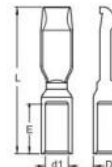
SERIES	ITEM NO.	HOUSING COLOR CODE			RATED CURRENT	DIMENSIONmm(inch)			Q'TY BOX
						W	H	L	
160	G902	Red	Blue	Black	160 Amperes	71.0 (2.795)	25.3 (.966)	92.0 (3.622)	5
		Green	Grey	Orange					
320	GPE320	Brown	Yellow	Purple	320 Amperes	85.0 (3.346)	33.0 (1.299)	124 (4.882)	2

Note: The colors what you require according to housing color code.
For example: G902- RED

Contact—160 to 320 Amperes

Material

Contact: Copper
Plating: Silver



SERIES	ITEM NO.	RATED CURRENT	WIRE RANGE	DIMENSIONmm(inch)				TOOLS	Q'TY BOX		
				L	E	D1	D				
120	S1383	160 Amperes	38 (2)	60.6 (2.386)	21.1(.831)	9.5 (.374)	12.8 (.504)	IZUMI UB-412G	100		
	S1382		60 (1/0)	60.6 (2.386)	21.1(.831)	11.2 (.4441)	12.8 (.504)		50		
320	S1383	320 Amperes	38 (2)	77.0 (3.031)	31.8 (1.252)	9.5 (.374)	13.0 (.512)	IZUMI UB-412G	100		
	S917		50 (1)	67.3 (2.650)	31.8 (1.252)	10.9 (.429)	14.5 (.571)		50		
	S907		70 (2/0)	79.8 (3.142)	34.0 (1.339)	12.5 (.492)	16.2 (.638)		25		
	S916		80 (3/0)	79.8 (3.142)	32.0 (1.260)	14.7 (.579)	17.7 (.697)		25		
	S908		100 (4/0)	78.7 (3.098)	31.6 (1.252)	16.3 (.642)	19.1 (.752)		25		

Product Description:

We are thrilled to introduce our top-quality Battery Modular Connectors. These connectors are designed to meet the stringent requirements of various industries. As one of the leading suppliers in the market, we are proud to offer our customers high-end products that can guarantee reliable connection of battery systems.

These connectors provide secure mating between system components, reducing the risk of displacement and minimizing the chances of error. Furthermore, they have a compact design, fast assembly, and advanced safety features to ensure the safe installation of high-current and high-voltage batteries.

Our connectors boast excellent reliability and durability, all while meeting the industry standards of safety and performance. You can count on us to provide world-class products that perfectly combine quality and innovation.

Features:

Our Battery Modular Connectors offer exceptional durability and performance. Constructed using premium materials, these connectors offer excellent durability and robustness. With precise engineering and strict quality control, the connectors provide a secure and stable connection, thus greatly reducing the risk of a power outage or disruption. Additionally, the connectors are designed to occupy minimal space and ensure a reliable, seamless connection.

Technical Parameters:

Parameter	Value
Product Name	Battery Modular Connectors
Series	BMCGE2

Connector Type	Wire-to-Wire
Connector Style	Modular
Connector Gender	Male/Female
Application	Battery
Cable Specification	0.3mm2-10mm2
Material	PA66+GF
Current Rating	2A-50A
Contact Resistance	20mΩ
Insulation Resistance	1000MΩ

Applications:

Today's world is always changing rapidly, which is why having the right kind of versatility is so crucial. To meet the needs of this environment, we have designed our connectors to be modular. This gives them a great degree of customizability and malleability, allowing them to be used across a variety of applications. It doesn't matter if you're working on electric vehicles, renewable energy systems, or other battery-powered equipment - our connectors will fit your requirements perfectly. What's more, the excellent flexibility of our modular connectors makes them incredibly simple to customize. If you ever need to make adjustments or switch up your current configuration, it's no problem. Our connectors are designed so that you can efficiently make the changes you need, without having to tear down your whole setup.

Customization:

Battery Modular Connectors Customized Service

We are offering Battery Modular Connectors customized service. Our products are under the Brand Name TLC and the Model Number is BMCGE2 SERIES and BMC2 SERIES. The Place of Origin is China and it is CE Certified. The Minimum Order Quantity is 500 and the Price is USD. The Packaging Details is Carton and the Delivery Time is 5-30 working days. The Payment Terms is T/T and the Supply Ability is 100K pcs per month. The Terminal Type is Crimp/Solder and the Connector Gender is Male/Female. The Insulation Resistance is 1000MΩ and the Cable Specification is 0.3mm2-10mm2. The Connector Type is Wire-to-Wire.

Support and Services:

Battery Modular Connectors Technical Support and Service

At Battery Modular Connectors, we offer our customers a comprehensive technical support and service to meet their needs. Our technical support and service include:

Technical support hotline for quick and easy access to our experienced technical team

Online technical support for customers to access our resources for information and assistance

On-site technical support to provide customers with installation and maintenance services

Expertise in battery technology to provide our customers with the best solutions

Detailed product documentation to provide customers with the information they need

On-going product updates and upgrades to ensure our customers have the latest technology

We strive to provide our customers with the best technical support and service possible. If you have any questions or concerns, please don't hesitate to contact us.

Packing and Shipping:

Packaging and Shipping of Battery Modular Connectors:

The Battery Modular Connectors shall be packaged in accordance with the requirements of the IEC60320-1 standard, in which the items are placed in a sealed plastic bag and packed in an appropriate cardboard box. The box shall be clearly labeled with the product name and model number.

The Battery Modular Connectors shall be shipped to the customer via a reliable shipping service. The shipping service should be chosen based on the size and weight of the package, as well as the delivery time required by the customer.

FAQ:

Q&A

Q: What is the brand name of the Battery Modular Connectors?

A: The brand name is TLC.

Q: What is the model number of the Battery Modular Connectors?

A: The model number is G, BMC.

Q: Where is the Battery Modular Connectors made?
A: The Battery Modular Connectors are made in China.
Q: Is the Battery Modular Connectors certified?
A: Yes, it is certified by CE.
Q: What is the minimum order quantity?
A: The minimum order quantity is 500.



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