

## BMC series/Battery Modular Connectors

K.S. Terminals Inc, an ISO 9001& ISO/TS 16949 certified company, has been contributing the best professional skills in the connectors and terminals manufacturing in the past 40 years. For providing the design flexibility, cost-effective reliability and mistake-proof capability, the BMC series are designed and produced for your products's efficient installation and reliable performance.

K.S. Terminals Inc. proudly introduces the BMC series (Battery Modular Connectors) to the global markets. The BMC series 1 pole & 2 pole connectors are available from 15 to 350 Amp rating for use to 600 Volts continuous AC or DC operation. Based on the color-management system, the connectors will only mate with the same color connectors. For preventing mismatching of the power supply system, the different color housings are selected to identify voltages.

### Applicable Markets

- **UPS System**
- **Telecommunication**
- **Forklift Trucks**
- **Wheelchairs**
- **Electric Vehicles**
- **Chargers**



Housing Example: BMC 1 S - RED  
(1) (2)(3) (4)

- (1) BMC -- Battery Modular Connectors  
(2) 1 -- Pole Number  
(3) S -- Housing Size  
(4) RED -- Color Type

Pole Number: 1: One-pole Housing  
2: Two-pole Housing

Housing Size: S: Small Size Housing  
M: Middle Size Housing  
L: Large Size Housing

Contacts Example: BMC 1 AG  
(5) (6)

- (5) 1 -- Wire Range  
(6) AG -- Contacts Type

Wire Range: 1: AWG20-16  
2: AWG16-12  
3: AWG14-10

Contacts Type: AG: Copper-Silver Plated  
ST: Copper-Tin Plated (Reel Type)

# 2-POLE 50~350 Amp Series



Amp Series	Housings:	Contacts	Contact Barrel Size (AWG)	Current Rating (Amps)	Voltage Rating (Volts)	Max. Wire Insulation Diameter (mm)	Contact Retention Force(lbs)	Avg. Connection/ Disconnect (lbs)	Operating Temperature Range°C	Flammability Rating of Housing Material
50 Amp Series	BMC2S-RED	BMC5AG	12-10	35	600V	11.18	50	15	-20°C to 125°C	UL94V-0
	BMC2S-BLACK									
	BMC2S-BLUE	BMC8AG	8	45						
	BMC2S-GREY									
	BMC2S-GREEN									
	BMC2S-ORANGE	BMC14AG	6	50						
	BMC2S-YELLOW									
120 Amp Series	BMC2MS-RED	BMCMS14AG	6	80	600V	14.6	100	20	-20°C to 125°C	UL94V-0
	BMC2MS-GREY	BMCMS22AG	4	100						
	BMC2MS-BLUE	BMCMS38AG	2	120						
175 Amp Series	BMC2M-RED	BMC14AG	6	80	600V	14.6	300	25	-20°C to 125°C	UL94V-0
	BMC2M-BLUE	BMC22AG	4	125		19.05				
	BMC2M-YELLOW	BMC38AG	2	150						
	BMC2M-GREY	BMC60AG	1/0	175						
	BMC2M-ORANGE									
350 Amp Series	BMC2L-RED	BMC70AG	2/0	250	600V	28	500	30	-20°C to 125°C	UL94V-0
	BMC2L-BLUE	BMC80AG	3/0	275						
	BMC2L-YELLOW									
	BMC2L-GREY	BMC100AG	4/0	300						
	BMC2L-ORANGE	BMC150AG	250/300	350						
	BMC2L-GREEN									