

# Battery Modular Connectors



## 10 to 45 Amperes Series

(A) 



Contact Barrel Size (AWG)	Current Rating (Amperes)	Voltage Rating (Volts)	Maximum Wire Insulation Diameter (mm)	Contact Retention Force (lbs)	Average Connection / Disconnect (lbs)	Operating Temperature Range °C	Housings (A) 
20-16	15	600 V	4.45	25	3	-20°C to 125°C	BMC1S-Red
12-16	30						BMC1S-Black
10-14	45						BMC1S-White
12-16	30						BMC1S-Green
							BMC1S-Blue
							BMC1S-Brown

## 75 Amperes Series



Contact Barrel Size (AWG)	Current Rating (Amperes)	Voltage Rating (Volts)	Maximum Wire Insulation Diameter (mm)	Contact Retention Force (lbs)	Average Connection / Disconnect (lbs)	Operating Temperature Range °C	Housings
12-10	50	600 V	11	50	7	-20°C to 125°C	BMC1M-Red
6	75						BMC1M-Black
8	60						BMC1M-Green
							BMC1M-Blue

# Battery Modular Connectors



## 120 to 180 Amperes Series



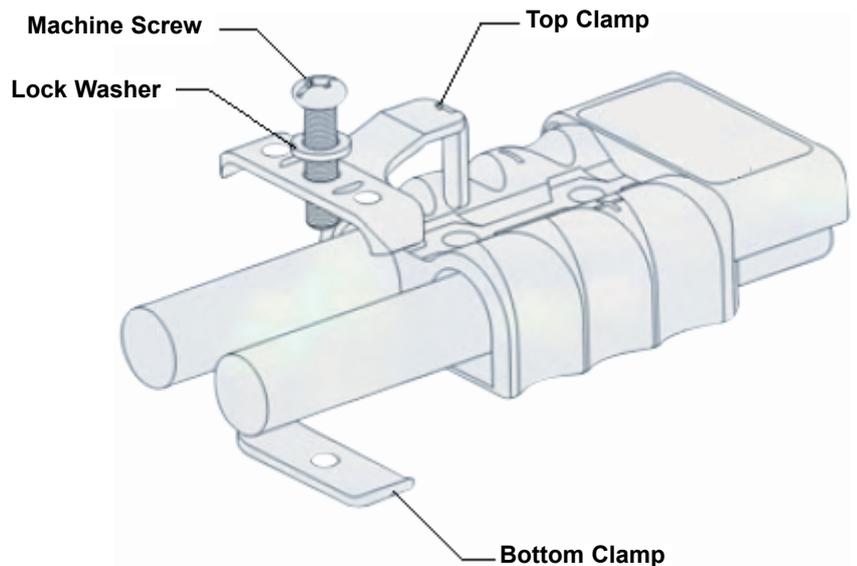
Amperes Series	Contact Barrel Size (AWG)	Current Rating (Amperes)	Voltage Rating (Volts)	Maximum Wire Insulation Diameter (mm)	Contact Retention Force (lbs)	Average Connection / Disconnect (lbs)	Operating Temperature Range °C	Housings
120	6	80	600 V	14.6	100	8	-20°C to 125°C	BMC1LM-Red
	2	120						BMC1LM-Black
180	6	80		19.05	170	20		BMC1L-Red
	1/0	175						BMC1L-Black

## 2-Pole 50 to 350 Amperes Series



Amperes Series	Contact Barrel Size (AWG)	Current Rating (Amperes)	Voltage Rating (Volts)	Maximum Wire Insulation Diameter (mm)	Contact Retention Force (lbs)	Average Connection / Disconnect (lbs)	Operating Temperature Range °C	Housings
50	12-10	35	600 V	11.18	50	15	-20°C to 125°C	BMC2S-Red
	8	45						BMC2S-Black
120	6	80		14.6	100	20		BMC2MS-Red
	4	100						BMC2MS-Grey
	2	120						BMC2MS-Blue

## Accessories - Connector Cable Clamps



BMC2S-FP for 2S (50 Amperes) Series  
BMC2M-FP for 2M (175 Amperes) Series

## Accessories - Connector Handles



BMC2S-HD-Red for 2S (50 Amperes) Series  
BMC2MS-HD-Red for 2MS (120 Amperes) Series

## Accessories - Connector Dust Cover



BMC2S-DC1 for 2S (50 Amperes) Series  
BMC2MS-DC1 for 2MS (120 Amperes) Series

# Battery Modular Connectors



## Part Number Table

Description	Part Number
Housing, Red, 15 A to 45 A	BMC1S-RED
Housing, Black, 15 A to 45 A	BMC1S-BLACK
Housing, White, 15 A to 45 A	BMC1S-WHITE
Housing, Green, 15 A to 45 A	BMC1S-GREEN
Housing, Blue, 15 A to 45 A	BMC1S-BLUE
Contact, 15 A	BMC1AG
Contact, 30 A	BMC2AG
Housing, Red, 50 A to 75 A	BMC1M-RED
Housing, Black, 50 to 75 A	BMC1M-BLACK
Housing, Green, 50 to 75 A	BMC1M-GREEN
Housing, Blue, 50 to 75 A	BMC1M-BLUE
Contact, 50 A	BMC5AG
Contact, 60 A	BMC8AG
Contact, 75 A	BMC14AG
Housing, Red, 50 A, 2 Pole	BMC2S-RED
Housing, Black, 50 A, 2 Pole	BMC2S-BLACK
Housing, Grey, 50 A, 2 Pole	BMC2S-GREY
Housing, Brown, 15 A to 45 A	BMC1S-BROWN
Housing, Red, 80-120 A	BMC1LM-RED

Description	Part Number
Housing, Black, 80-120 A	BMC1LM-BLACK
Contact, 80 A, 6 AWG	BMCMS14AG
Contact, 100 A, 4 AWG	BMCMS22AG
Contact, 120 A, 2 AWG	BMCMS38AG
Housing, Red, 80-175 A	BMC1L-RED
Housing, Black, 80-175 A	BMC1L-BLACK
Contact, 80 A, 6 AWG	BMCM14AG
Contact, 125 A, 4 AWG	BMC22AG
Contact, 150 A, 2 AWG	BMC38AG
Contact, 175 A, 1 AWG	BMC60AG
Housing, 2 Pole, 80-120 A, Red	BMC2MS-RED
Housing, 2 Pole, 80-120 A, Grey	BMC2MS-GREY
Housing, 2 Pole, 80-120 A, Blue	BMC2MS-BLUE
Cable Clamp, 50 A	BMC2S-FP
Cable Clamp, 175 A	BMC2M-FP
Connector Handle, 50 A	BMC2S-HD-RED
Connector Handle, 80-120 A	BMC2MS-HD-RED
Dust Cover, 50 A	BMC2S-DC1
Dust Cover, 80-120 A	BMC2MS-DC1

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