

## Battery Cable - 6 Gauge to 4/0 AWG

**Battery cable** is used to power your electrical system and is sized according to the American Wire Gauge, or AWG for short, specification for electrically conductive cables. Our battery cable is American made and comes in gauge (AWG) sizes of 6, 4, 2, 1, 1/0, 2/0, 3/0, and 4/0, with 6 gauge being the smallest, and 4/0 gauge being the largest. Battery cable must be sized to the needs of your electrical system, too small of a cable will cause excess heat that could pose a hazard. The size of cable you should use depends on two things: the amperage you need and the length of the cable. You can view our article on how to select the correct size battery cable to help you in determining the size of battery cable you need to use, as well as more information about how to properly size your cable and information about voltage drop. Our battery cable is SGT type and is available in either red or black. It is rated for use in 12 volt and 24 volt electrical systems with a maximum voltage rating of 60 volts. It meets S.A.E. specification J-1127 and has a temperature rating of -58°F (-50°C) to 221°F (105°C), and is RoHS compliant. Cable ends can be terminated using either battery terminals or copper cable lugs.



### 6 AWG Gauge Battery Cable

6 AWG Gauge battery cable has an amperage capacity of 50 amps at a cable length of 11.8 feet. 6 gauge battery cable is often used in main power applications in...



### 4 AWG Gauge Battery Cable

4 Gauge AWG Battery Cable has an amperage capacity of 100 amps at a cable length of 9.4 feet. 4 gauge battery cable can be used as power cabling for small...



### 2 AWG Gauge Battery Cable

2 Gauge AWG Battery Cable has an amperage capacity of 150 amps at a cable length of 10 feet. 2 Gauge battery cable can be used as power cabling for small cars,...



### 1 AWG Gauge Battery Cable

1 Gauge (AWG) Battery Cable is designed for higher power applications and can comfortably handle 200 amps at a cable length of 9.4 feet. The outside diameter...

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### 1/0 AWG Gauge Battery Cable

1/0 Gauge (AWG) Battery Cable is designed for higher power applications and can comfortably handle 300 amps at a cable length of 8 feet. The outside diameter...



### 2/0 AWG Gauge Battery Cable

2/0 Gauge (AWG) Battery Cable is designed for higher amperage applications with a maximum voltage rating of 60 volts DC. 2/0 battery cable can comfortably...



### 3/0 AWG Gauge Battery Cable

3/0 Gauge (AWG) Battery Cable has an amperage capacity of 300 amps at a cable length of around 15 feet. 3/0 gauge battery cable is often used in main power...



### 4/0 AWG Gauge Battery Cable

4/0 Gauge AWG Battery Cable has an amperage capacity of 600 amps at a cable length of 9 feet. 4/0 Gauge battery cable can be used as power cabling for large...

Battery Cable Amperage Capacity Chart

	Recommended Length and Amperage for Battery Cable while maintaining a 2% or less voltage drop at 12 volts				
Battery Cable Size	50 Amps	100 Amps	150 Amps	200 Amps	300 Amps
6 Gauge (AWG)	11.8 ft	5.9 ft	4.4 ft	2.9 ft	2.2 ft
4 Gauge (AWG)	18.8 ft	9.4 ft	6.3 ft	4.7 ft	3.1 ft
2 Gauge (AWG)	29.8 ft	14.9 ft	9.9 ft	7.4 ft	4.9 ft
1 Gauge (AWG)	37.7 ft	18.9 ft	12.6 ft	9.4 ft	6.3 ft
1/0 Gauge (AWG)	47.5 ft	23.8 ft	15.9 ft	11.9 ft	7.9 ft
2/0 Gauge (AWG)	60 ft	30 ft	20 ft	15 ft	10 ft
3/0 Gauge (AWG)	75.6 ft	37.8 ft	25.2 ft	18.9 ft	12.6 ft
4/0 Gauge (AWG)	95.2 ft	47.6 ft	31.7 ft	23.8 ft	15.8 ft.