





























Metric Battery Cable Minimum Sizing chart for <5% power loss

Round trip cable length	Maximum Continuous Power			
	600Watts	1200Watts	3000Watts	5000Watts
12V systems				
40 – 60Ft	 35mm²	 70mm²	 185mm²	 300mm²
20 – 40Ft	 25mm²	 50mm²	 120mm²	 185mm²
0 – 20Ft	 10mm²	 25mm²	 70mm²	 150mm²
24V Systems				
40 – 60Ft	 10mm²	 16mm²	 35mm²	 50mm²
20 – 40Ft	 6mm²	 10mm²	 35mm²	 50mm²
0 – 20Ft	 4mm²	 10mm²	 35mm²	 50mm²
48V systems				
0 – 60Ft	 2.5mm²	 4mm²	 10mm²	 35mm²

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Red numbers will have less than 5% loss, but can not be smaller due to a 75C safety limit for the wiring insulation.