



Recommended Wire Gauge based on the systems current draw and length of wire needed:

A P I I R A P	>150A	0/1 Gauge	0/1 Gauge	0/1 Gauge	0/1 Gauge	0/1 Gauge	0/1 Gauge
	135 - 150A	4 Gauge	0/1 Gauge	0/1 Gauge	0/1 Gauge	0/1 Gauge	0/1 Gauge
	105 - 135A	4 Gauge	4 Gauge	4 Gauge	4 Gauge	0/1 Gauge	0/1 Gauge
	85 - 105A	8 Gauge	8 Gauge	4 Gauge	4 Gauge	4 Gauge	0/1 Gauge
	65 - 85A	8 Gauge	8 Gauge	4 Gauge	4 Gauge	4 Gauge	4 Gauge
	50 - 65A	8 Gauge	8 Gauge	8 Gauge	4 Gauge	4 Gauge	4 Gauge
	35 - 50A	10 Gauge	8 Gauge	8 Gauge	8 Gauge	8 Gauge	8 Gauge
	30A	10 Gauge	10 Gauge	8 Gauge	8 Gauge	8 Gauge	8 Gauge
		4	4 - 7	10 - 13	13 -16	16 -19	19 -22
		Feet	Feet	Feet	Feet	Feet	Feet
LENGTH OF WIRE							