

Recommended Charging System Minimum Cable-Wire Size

'A' Load Circuit
'B' AC Circuit
'C' Field Circuit

		MINIMUM WIRE SIZE		
12V & 24Volt Systems	Total Circuit Length (Including Ground Cable)	'A'	'B'	'C'
60-75 Amps	15 Feet or Less	#6	#8	#16
	16-25 Feet	#4	#6	#14
	26-40 Feet	#2	#4	#12
80-125 Amps	15 Feet or Less	#4	#6	#16
	16-25 Feet	#2	#4	#14
	26-40 Feet	#0	#2	#12
130-250 Amps	15 Feet or Less	#0	#4	#16
	16-25 Feet	#2/0	#2	#14
	26-40 Feet	#4/0	#0	#12
250-325 Amps	12 Feet or Less	#2/0	N/A	#16
	13-20 Feet	#4/0	N/A	#16

NOTE: It is very important to include the ground cable when calculating the total length of the system. Supplementing or twinning of cables may be considered. When in doubt bigger is better.