

Recommended Charging System Minimum Cable-Wire Size

'A' Load Circuit

'B' AC Circuit

'C' Field Circuit

| o Field Gircuit | | 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 |
| | 70.55E-35/ ACCOM | | 100000000000000000000000000000000000000 | |

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.

P.O. Box 1008, 826 - 45th St. E, Saskatoon, SK Canada, S7K 0W5 Telephone: 306-244-9818 | Toll-Free: 1-888-515-2726 | Fax: (306) 244-2223