

## Electrical Wire Size Chart (Copper - 75°C)

Wire Gauge (AWG)	Maximum Amps	Typical Household Uses
14 AWG	15 Amps	Lighting, lamps, small appliances
12 AWG	20 Amps	Outlets, microwaves, kitchen appliances
10 AWG	30 Amps	Water heaters, dryers, AC units
8 AWG	40 Amps	Electric ranges, subpanels
6 AWG	55 Amps	Ovens, large air conditioners
4 AWG	70 Amps	Feeders, service entrance
2 AWG	95 Amps	Large appliances, main panels
1/0 AWG (0 AWG)	150 Amps	Subpanels, service entrance
2/0 AWG (00 AWG)	175 Amps	Large service panels
4/0 AWG (0000)	230 Amps	Main service, industrial feeders