

# Household Appliances Amp Chart\*



Kitchen Appliance	Running Amps	Starting Amps
Air Fryer	13.3 Amps	13.3 Amps
Blender	3.3 Amps	7.1 Amps
Bread Machine	8.3 Amps	8.3 Amps
Coffee Maker	5 Amps	5 Amps
Cooker Hood	1.3 Amps	1.3 Amps
Deep Fryer	12.5 Amps	12.5 Amps
Dishwasher	1.8 Amps	4.5 Amps
Deep Freezer	5 Amps	13.8 Amps
Electric Frying Pan	12.5 Amps	12.5 Amps
Electric Grill	13.8 Amps	13.8 Amps
Electric Kettle	12.5 Amps	12.5 Amps
Electric Oven	14.6 Amps	14.6 Amps
Electric Stove	12.5 Amps	12.5 Amps
Food Dehydrator	5 Amps	5 Amps
Ice Maker	2.5 Amps	2.5 Amps
Juicer	6.7 Amps	6.7 Amps
Induction Cooktop (One Top)	11.7 Amps	15 Amps
Microwave Oven (650 Watts)	8.3 Amps	8.3 Amps
Microwave Oven (800 Watts)	10.8 Amps	10.8 Amps
Microwave Oven (1000 Watts)	12.5 Amps	12.5 Amps
Popcorn Machine	5.4 Amps	5.4 Amps
Pressure Cooker	10 Amps	10 Amps
Refrigerator	6.7 Amps	18.3 Amps
Rice Cooker	5.8 Amps	5.8 Amps

Kitchen Appliance	Running Amps	Starting Amps
Sandwich Maker	6.3 Amps	6.3 Amps
Slow Cooker	2.3 Amps	2.3 Amps
Toaster	10 Amps	10 Amps
Waffle Iron	8.3 Amps	8.3 Amps
Wine Cooler	0.8 Amps	0.8 Amps

Entertainment Appliance	Running Amps	Starting Amps
Computer Monitor	0.7 Amps	0.7 Amps
Desktop Computer	2.5 Amps	2.5 Amps
Flat Screen TV (20")	1 Amp	1 Amp
Flat Screen TV (46")	1.6 Amps	1.6 Amps
Game Console	1.2 Amps	1.2 Amps
Home Phone	0 Amps	0 Amps
Internet Router	0.2 Amps	0.2 Amps
Laptop	2.1 Amps	2.1 Amps
Projector	1.7 Amps	1.7 Amps
Radio	1.7 Amps	1.7 Amps
Sewing Machine	0.8 Amps	0.8 Amps
Stereo	0.3 Amps	0.3 Amps

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Daily Living Appliance	Running Amps	Starting Amps
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Cell Phone Charger	0.2 Amps	0.2 Amps
Ceiling Fan	0.6 Amps	0.6 Amps
Central Air (2 Ton = 24,000 BTU)	6.3 Amps	10.8 Amps
Central Air (3 Ton = 36,000 BTU)	9.4 Amps	16.2 Amps
Central Air (4 Ton = 48,000 BTU)	12.5 Amps	21.6 Amps
Central Air (5 Ton = 60,000 BTU)	15.6 Amps	26.9 Amps
Dehumidifier	4.2 Amps	4.2 Amps
Garage Door Opener	6 Amps	12 Amps
Heat Pump (18000 BTU)	9.4 Amps	16.3 Amps
Hot Water Heater	18.8 Amps	18.8 Amps
Humidifier (13 Gallons)	1.5 Amps	1.5 Amps
Incandescent Light Bulbs	0.5 Amps	0.5 Amps
Laptop	2.1 Amps	2.1 Amps
LED Light Bulb	0.1 Amps	0.1 Amps
Portable Fan	0.3 Amps	1 Amp
Printer	5 Amps	5 Amps
Radiant Heater	10.8 Amps	10.8 Amps
Space Heater	11 Amps	11 Amps
Sump Pump (1/3 HP)	6.7 Amps	10.8 Amps

Daily Living Appliance	Running Amps	Starting Amps
Sump Pump (1/2 HP)	8.8 Amps	17.9 Amps
Water Heater (50 Gallons)	18.8 Amps	18.8 Amps
Well Pump (1/3 HP)	2.7 Amps	4.4 Amps
Well Pump (1/2 HP)	2.9 Amps	5 Amps
Well Pump (1 HP)	5.8 Amps	10.4 Amps
Well Pump (2 HP)	9.6 Amps	16.7 Amps
Window Air Conditioner (10,000 BTU)	8.3 Amps	12.5 Amps
Window Air Conditioner (12,000 BTU)	10 Amps	15 Amps
Window Air Conditioner (15,000 BTU)	12.5 Amps	18.8 Amps

Personal Care Appliance	Running Amps	Starting Amps
Clothes Dryer (Electric)	22.5 Amps	28.1 Amps
Clothes Dryer (Gas)	5.8 Amps (Assuming 120 Volts)	20.8 Amps (Assuming 120 Volts)
Curling Iron	0.8 Amps	0.8 Amps
Electric Shaver	0.1 Amps	0.1 Amps
Hair Dryer	15 Amps	15.8 Amps
Iron	10 Amps	10 Amps
Straightening Iron	0.8 Amps	0.8 Amps
Vacuum Cleaner	11.7 Amps	11.7 Amps
Washing Machine	7.1 Amps	18.8 Amps

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