FUTURE_
PROOF

WATTS WHAT?

CALCULATING YOUR POWER NEEDS

It's not easy to determine how much power your equipment requires. Find the rating stamp on the back or bottom of most devices. Examine the transformer or power brick that plugs into the wall. For objects such as refrigerators and microwaves, the rating can be found inside the door.

Below, is a list of common trade show devices and the wattage they use.

This is only a guide for general reference, these may not be your exact wattages for your devices.

100-499 WATTS
Water Cooler - Cold Only
Video Game Console
Lead Retrieval Machine

500-999 WATTS
Water Cooler - Hot & Cold
24" Monitor
Laptop Computer
Coffee Maker

1000 WATTS
55" TV
Sm. Refrigerator
Sm. Vacuum

1500+ WATTS
Scanner
Desktop Computer
Sm. Microwave
Steamer
Portable PA System

10 AMPS
Popcorn Machine
Laser Printer

FUTUREPROOF

WATTS WHAT?
CALCULATING YOUR POWER NEEDS

Need additional assistance to determine your own wattage?
Please use the formula below.

It’s not easy to determine how much power your equipment requires. Find the rating stamp on the back When calculating your exhibit's electrical needs, it's helpful to have a fundamental understanding of these three basic terms:

Amperage (amp): the volume of electricity in a circuit
Voltage: essentially, this is the "push" that forces electricity through a wire
Wattage: the amount of electrical power used or produced per second

To determine how many watts of power an electronic device needs to operate, use this formula:
Volts x Amps = Watts

FORMULA

120V
x
5A
=
600 Watts

FILL IN THE BLANKS

_____ *(V)*
x
_____ *(A)*
=
_____ *(W)*