

The listed wattages below are based on basic items and are not specific to individual manufactures or brands. Wattage use/needs may vary depending on the types of equipment used. Please ensure wattages have been accurately accounted for to avoid any shortages or surges that may occur during the event. Research equipment manufacturing labels and if unsure research products online to account for Wattage needs of the equipment your event will require.

BASIC FESTIVAL SUPPLIES	WATTAGE NEEDED
Basic PA System (2 speakers, 8 channel mixer & wired microphone)	Depending on the system, take the total Watts of your speakers multiplied by 2. This gets you the best projection Wattage necessary for your P.A.
Example #1 - two, 150Watt speakers	300Watts X 2 = 600Watts needed
Event Kit PA System – two 250Watt speakers	500Watts X 2 = 1000Watts needed
Example #2 – two, 300Watt speakers	600Watts X 2 = 1800Watts needed
Commercial Popcorn Machine	
4oz.	930 Watts
6oz.	1130 Watts
8oz.	1180 Watts
14oz.	1760 Watts
Commercial Cotton Candy Machine	1370 Watts
Commercial Hot Dog Machine	
50 Hotdog steamer	700 Watts
75 Hotdog steamer	785 Watts
160 Hotdog steamer	1000 Watts
12 Hotdog griller	1000 Watts
24 Hotdog griller	1800 Watts
30 Hotdog griller	2200 Watts
LED Christmas Lights	
1 strand	4 watts
10 strands	48 Watts
30 strands	144Watts
Tent Lights (commercial light strands)	
unknown	Watts per bulb X number of bulbs
24 light strand X 5 Watts per bulb	120 Watts
15 light strand X 11 Watts per bulb	165 Watts
Fridges	
Kitchen size	500-750 Watts
Mini	
Freezers	
Chest freezer	600 Watts
Hot Plate	750 – 1000 Watts
Microwave	1000 – 2000 Watts
Coffee Machine	
Basic home coffee machine	600-1200 Watts
Keurig	1500 max.
100 cup coffee urn	150volts (need to convert to Watts)
Computers/Stereos	
iPad/tablet	20 Watts
laptop	85 Watts
Stereos	30 – 100 Watts