

Backup Generator Load Analysis

Load	Peak Draw	Sustained Draw	Criticality	Interruption Impact	Priority	Volts	Amps	Lines	On Generator	Load Control	Tran Sw Control
Supplimental heat 3 ton		10	10	3	2	2	240	63	2	N	
Water heater upper element		6	6	0	1	1	240	23	2	N	
Wall oven 1		5	5	1	2	2	240	18	2	N	
Wall oven 2		5	5	1	2	2	240	18	2	N	
Car charger		7	7	0	0	0	240	40	2	N	
Dish washer		3	3	0	0	0	120	12	1	N	
Clother washer		3	2	0	0	0	120	10	1	N	
Clother dryer		4	3	0	0	0	240	30	2	N	
30A outlet under audio room		2	1	0	0	0	120	30	1	N	
Laundry room outlets		1	1	0	0	0	120	20	1	N	
Sump pump		3	2	10	10	10	120	15	1	Y	N
Sewer grinder pump		4	3	10	10	10	240	12	2	Y	N
Heat pump 3 ton		8	6	8	8	8	240	15	2	Y	N
Heat pump 2 ton		7	5	9	9	9	240	11	2	Y	N
Supplimental heat 2 ton		7	7	9	9	9	240	31	2	Y	N
Water heater lower element		5	5	9	9	9	240	19	2	Y	N
Refrigerator		2	1	10	10	10	120	3	1	Y	N
Freezer		2	1	10	10	10	120	3	1	Y	N
Range hood		2	1	4	4	8	120	3	1	Y	N
Cook top		1	1	8	8	8	120	5	1	Y	N
Gas fireplace controls and blowers		2	2	9	9	9	120	1	1	Y	N
Outlets for basement data rack		2	2	6	8	9	120	15	1	Y	N
Ceiling lights		3	3	8	9	9	120	15		Y	N
Bathroom fans		1	1	7	7	9	120	2		Y	N
Kithen counter and island outlets		4	4	8	8	9	120	30		Y	N
Garage door openers		3	1	6	7	8	120	10	1	Y	N

Note: All ratings on a 1 = 10 scale

Priority is a combination of
load and impact