

■ Load Balancing Chart for 5000-Watt Standby Generator

Use this guide to decide which appliances to connect during an outage.
Try to stay **below 4,000 watts (80%)** of total continuous load to protect your generator.

■ Essential Loads (Run Continuously)

Appliance	Watts	Priority	Notes
Refrigerator	700	High	Keep food fresh
Freezer	600	High	Alternate with fridge if needed
LED Lights (10 bulbs)	100	High	Use energy-efficient bulbs
Wi-Fi Router + TV	200	High	For communication and updates
Fan	100	Medium	Comfort in warm weather

■ Moderate Loads (Cycle or Alternate)

Appliance	Watts	Priority	Usage Strategy
Water Pump (½ HP)	1000	High	Use intermittently (10–15 mins/hour)
Microwave	1200	Medium	Run for short cooking periods
Computer / Laptop	250	Medium	Use during work or emergencies
Sump Pump	1000	High	Let run automatically as needed

■ Optional Loads (Use Sparingly)

Appliance	Watts	Priority	Notes
Iron	1500	Low	Turn off major loads before using
Small Window A/C	1800	Medium	Only if no other high load is active
Power Tools	1000–1500	Medium	Use one at a time

■ Recommended Load Balancing Plan

Circuit	Connected Appliances	Estimated Load	Status
A	Refrigerator, Lights, TV	1000 W	Continuous
B	Freezer, Router, Fan	800 W	Continuous
C	Water Pump	1000 W	Intermittent

D	Microwave / Computer	1200 W	Alternating
E	Optional (Iron / A/C)	1000–1500 W	Only when others off

■ ■ Safety Notes

1. Use a **transfer switch** to connect household circuits safely.
2. Never exceed **80% continuous load** for long periods.
3. Avoid **starting multiple heavy appliances** at once.
4. Always operate generator **outdoors**.
5. **Test monthly** to ensure proper operation.

Prepared for homeowners using a 5,000 W standby generator to power essential loads safely and efficiently.