



Westinghouse

INNOVATION YOU CAN BE SURE OF

Consumer Guide

Portable Generator Selection

Follow These Steps

1. Identify the devices you want to power simultaneously. Record the starting power and running power demands of each device in Watts.
2. Add up the running power of all devices. This total must be less than the generator's rated running power output.
3. Identify the device with the highest starting power demand. Add this value to the running power demands of the other devices. This total must be less than the generator's rated starting power output.
4. Select any Westinghouse portable generator for standalone plug and socket connection to portable electric devices. The RCD safety switch equipped PRO models offer you the best protection against electric shock as per Australian WH&S Regulations.
5. Select a Westinghouse Utility Series or digital inverter generator if your application requires it to be connected to a fixed electrical installation by a licensed electrician. The RCD safety switch fitted to the PRO models will trip on load if connected to a multiple earthed neutral (MEN) electrical installation.

| Device | Running Power (Watts) | Starting Power (Watts) |
|---|-----------------------|------------------------|
| Bathroom | | |
| Hot Water System - 250 L | 3,600 | 3,600 |
| Climate Control | | |
| A/C - Portable / Window Type 2.8 kW | 1,200 | 2,100 |
| A/C - Split System 5.2 kW Fixed Speed | 1,900 | 6,650 |
| A/C - Split System 5.2 kW Inverter | 1,500 | 1,500 |
| Fan - Ceiling or Personal | 60 | 210 |
| Heater - 2,400 W | 2,400 | 2,400 |
| Construction | | |
| Air Compressor - 1.65 kW | 2,200 | 7,700 |
| Air Compressor - 2.4 kW | 3,300 | 11,550 |
| Angle Grinder - 180 mm | 1,800 | 2,160 |
| Circular Saw - 270 mm | 1,800 | 2,160 |
| Concrete Mixer - 100 L | 1,300 | 1,560 |
| Concrete Vibrator - 50 mm | 1,900 | 6,650 |
| Demolition Breaker - 30 kg | 1,900 | 2,280 |
| Drill - 13 mm | 750 | 900 |
| Orbital Sander - 1/3 Sheet | 200 | 240 |
| Planer - 82 mm | 850 | 1,020 |
| Rotary Hammer Drill - 26 mm | 850 | 1,020 |
| Submersible Pump - 50 mm | 2,200 | 7,700 |
| Welder - Stick 140 A (3.2 mm Electrode) | 6,000 | 7,200 |
| Entertainment | | |
| Hi-Fi System | 100 | 100 |
| TV - Large Screen | 200 | 200 |
| Kitchen | | |
| Coffee Machine | 1,450 | 1,450 |
| Cooktop - Large Element | 2,400 | 2,400 |
| Cooktop - Small Element | 1,200 | 1,200 |
| Dishwasher | 1,800 | 2,400 |
| Kettle | 2,400 | 2,400 |
| Microwave - 1,000 W | 1,000 | 1,600 |
| Oven | 3,100 | 3,100 |
| Refrigerator / Freezer - Full Size | 200 | 700 |
| Toaster | 1,000 | 1,000 |
| Water - Boiler, 3 L | 1,500 | 1,500 |
| Water - Chiller, Free-Standing | 200 | 700 |

Power - when you need it - where you need it

westinghousepower.com.au



Westinghouse

INNOVATION YOU CAN BE SURE OF

Consumer Guide

Portable Generator Selection

Typical Power Demands

The adjoining table is an *approximate* guide to the running and starting power demands of some common electrical devices.

There are large variations in the performance of different makes and models of electrical devices and the manufacturer's specifications are often inaccurate or misleading. High power, low duty cycle devices such as welders and plasma cutters are especially problematic in this regard.

It is recommended that the portable generator and powered device(s) be trialled to ensure that the combination performs to your satisfaction.

| Device | Running Power (Watts) | Starting Power (Watts) |
|-----------------------------------|-----------------------|------------------------|
| Laundry | | |
| Clothes Dryer | 2,400 | 2,880 |
| Washing Machine | 1,200 | 1,800 |
| Lighting | | |
| Fluorescent Lamp 20 W | 20 | 20 |
| Incandescent Bulb 100 W | 100 | 100 |
| Maintenance | | |
| Battery Charger - 12 V, 5.4 A | 100 | 100 |
| Drain Cleaner Snake | 400 | 1,400 |
| Pressure Washer - 10 MPa, 600 L/h | 2,400 | 8,400 |
| Vacuum Cleaner | 2,200 | 2,640 |
| Office | | |
| Computer with LCD Monitor | 150 | 150 |
| Inkjet Fax / Printer | 50 | 50 |
| iPad / iPhone Charger | 12 | 12 |
| Laser Fax / Printer | 900 | 900 |
| Photocopier | 1,500 | 1,500 |
| Scanner | 30 | 30 |
| Security | | |
| Garage Door Opener | 200 | 240 |

Power - when you need it - where you need it

westinghousepower.com.au