






Generators

STARTING FACTOR

Minimum power required by device type

Refer to the manufacturer's identification plate of devices (tools) to help you select the right generator. This table will allow you to quickly find the starting power suitable for the most frequently used devices or tools.

| TOOL / MACHINE | Fact. X | example | | TOOL / MACHINE | Fact. X | example | |
|---|------------|-----------------------|-------------------------------|---|----------|-----------------------|-------------------------------|
| | | Continous Power Watts | Maximum Power Needed to Start | | | Continous Power Watts | Maximum Power Needed to Start |
| Concrete Vibrator | 2 | 2200 W | 4400 W | Blender, Mixer | 2 | 1150 W | 2300 W |
| Vacuum Cleaner | 2 | 900 W | 1800 W | Grinder | 1.6 | 2000 W | 3200 W |
| Professional Vacuum Cleaner | 2 | 1400 W | 2800 W | Hoist Elevator | 3 | 2200 W | 6600 W |
| Concrete Mixer  | 3 | 1000 W | 3000 W | Electric Engine without Charge | 1.5 | 736 W | 1104 W |
| Kettle | 1 | 2000 W | 2000 W | Electric Engine with Charge | 3 | 736 W | 2208 W |
| Concrete Breakers | 1.2 | 1750 W | 2100 W | High Pressure Washer  | 4 | 1700 W | 6800 W |
| Coffe Machine | 1 | 1000 W | 1000 W | Inverter | 3.5 | 800 W | 2800 W |
| Core Drill | 2 | 2000 W | 4000 W | Hammer Drill | 2.5 | 1200 W | 3000 W |
| Shear | 2 | 270 W | 540 W | Driller | 1.6 | 750 W | 1200 W |
| Battery Charger | 1.2 | 140 W | 168 W | Heat Pump (PAC) | 3 | 1000 W | 3000 W |
| Wood Burning | 1.2 | 1000 W | 1200 W | Airless Paint Sprayer | 2 | 800 W | 1600 W |
| Oil Boiler | 3 | 1000 W | 3000 W | Fuel pump | 2 | 500 W | 1000 W |
| Gaz Boiler | 1.2 | 1000 W | 1200 W | Feed Pump | 2 | 800 W | 1600 W |
| Heater | 2.5 | 3000 W | 7500 W | Transfer Pump | 2 | 800 W | 1600 W |
| Electric Water Heater (Hot Water Tank) | 1 | 2000 W | 2000 W | Submersible Pump | 3 | 800 W | 2400 W |
| Air Conditioner (portable) | 1.7 | 2000 W | 3400 W | Belt Sander | 2 | 750 W | 1500 W |
| Air Conditioner (with inverter) | 1 | 1500 W | 1500 W | Drywall Sander | 2 | 710 W | 1420 W |
| Air Compressor  | 3 | 2000 W | 6000 W | Orbital Sander | 2 | 600 W | 1200 W |
| Freezer | 3 | 400 W | 1200 W | Sheet Sander | 2 | 330 W | 660 W |
| Heat Gun, Hot Air Gun | 1.2 | 1500 W | 1800 W | Welding Machine: To define the generator you need, please refer to the machine data sheet. | | | |
| Hammer | 1.2 | 2200 W | 2640 W | Airless Fine Plastering | 3 | 1500 W | 4500 W |
| Log Splitter | 2.5 | 2200 W | 5500 W | Scorer | 2 | 1400 W | 2800 W |
| Deep Fryer (7 liters) | 1.2 | 4100 W | 4920 W | Planer | 2 | 850 W | 1700 W |
| Drilling Machine | 2 | 1600 W | 3200 W | Fridge, Refrigerated Display | 3 | 400 W | 1200 W |
| Microwave Oven | 2 | 1200 W | 2400 W | Diamond Wire Saw | 2 | 15000 W | 30000 W |
| Mortar or Concrete Mixer and Grinnite Machine | 3 | 4500 W | 13500 W | Sliding Compound Miter Saw | 2 | 1600 W | 3200 W |
| Nibbler | 2 | 500 W | 1000 W | Circular Saw | 2 | 1600 W | 3200 W |
| Hifi, TV, Computer, Printer, Copier | 1 | 600 W | 600 W | Reciprocating Saw | 2 | 1200 W | 2400 W |
| Bench Sander | 2 | 700 W | 1400 W | Jigsaw | 1.6 | 750 W | 1200 W |
| Incandescent Bulb | 1 | 100 W | 100 W | Table Saw  | 2 | 2000 W | 4000 W |
| Halogen Light | 1 | 500 W | 500 W | Dryer | 3 | 2400 W | 7200 W |
| Low Consumption Light | 2 | 100 W | 200 W | Garage Gate Opening System | 3 | 600 W | 1800 W |
| Neon Light (fluorescent) | 2 | 250 W | 500 W | Bench Grinder | 2 | 700 W | 1400 W |
| Washing Machine | 4 | 1500 W | 6000 W | Winch | 3 | 750 W | 2250 W |
| Airless Coating Sprayer | 3.5 | 2200 W | 7700 W | Auger | 3 | 1000 W | 3000 W |
| Demolition Hammer | 1.6 | 1250 W | 2000 W | Fan | 2 | 200 W | 400 W |
| Jackhammer  | 1.8 | 1000 W | 1800 W | | | | |