PORTABLE GENERATOR SIZING GUIDE

1 Identify the items you need to power and determine the total wattage for them.

2 Choose a solution that powers up to 90% of your needs.



ONAN P2500i

Peak watts	2,500
Running watts	2,200
Noise level	52 dB

Smartphone
6 watts

Laptop
200-800 watts

Television
150-300 watts

Coffee maker
500-800 watts

Blender
500-750 watts

Fan
55-100 watts

Printer
500 watts

Tire warmers
1,150 watts (per set)

IDEAL USES

- Small appliances
- Electronics
- Camping
- Tailgating



ONAN P4500i

Peak watts	4,500
Running watts	3,700
Noise level	52 dB

Air Conditioner
1,200-1,800 watts

Refrigerator
650 watts

Microwave
1,500 watts

Hair dryer
1,500 watts

Circular saw
500 watts

Router
400-600 watts

Wet/dry vac
1,440 watts

Belt sander
1,000 watts

IDEAL USES

- Medium appliances
- RV use
- Camping
- Motorsports



ONAN P4500iDF

	Gas	Propane
Peak watts	4,500	4,050
Running watts	3,700	3,330
Noise level	As low as 52 dB	

Air Conditioner
1,200-1,800 watts

Refrigerator
650 watts

Microwave
1,500 watts

Hair dryer
1,500 watts

Circular saw
500 watts

Router
400-600 watts

Wet/dry vac
1,440 watts

Belt sander
1,000 watts

IDEAL USES

- Medium appliances
- RV use
- Camping
- Motorsports

This chart serves as a general reference for estimating the wattage required to power multiple items simultaneously. Actual wattages may vary. Power generators are available for purchase and use in the United States and Canada. EFI models are available in California but are not offered in Canada. Products shown are not to scale. For more details, please visit https://cummins.com.

PORTABLE GENERATOR SIZING GUIDE

1 Identify the items you need to power and determine the total wattage for them.

2 Choose a solution that powers up to 90% of your needs.



ONAN P5000iDF EFI

	Gas	Propane
Peak watts	5,000	4,500
Running watts	3,900	3,500
Noise level	As low as 52 dB	

- **Air Conditioner** 1,200-1,800 watts
- **Refrigerator** 650 watts
- **Microwave** 1,500 watts
- **Hair dryer** 1,500 watts
- **Circular saw** 500 watts
- **Router** 400-600 watts
- **Wet/dry vac** 1,440 watts
- **Belt sander** 1,000 watts

IDEAL USES

- Medium appliances
- RV use
- Camping
- Motorsports



ONAN P9500DF

	Gas	Propane
Peak watts	9,500	8,550
Running watts	7,500	6,750
Noise level	As low as 74 dB	

- **Air Conditioner** 1,200-1,800 watts
- **Air compressor** 1,200-2,000 watts
- **Leaf blower** 1,000-1,200 watts
- **Power washer** 1,500 watts
- **Sump pump** 500 watts
- **Washing machine** 1,300 watts

IDEAL USES

- Large appliances
- Food trucks
- Home emergency backup
- General contract work



ONAN P9500DF EFI

	Gas	Propane
Peak watts	9,500	8,550
Running watts	7,500	6,750
Noise level	As low as 74 dB	

- **Air Conditioner** 1,200-1,800 watts
- **Air compressor** 1,200-2,000 watts
- **Leaf blower** 1,000-1,200 watts
- **Power washer** 1,500 watts
- **Sump pump** 500 watts
- **Washing machine** 1,300 watts

IDEAL USES

- Large appliances
- Food trucks
- Home emergency backup
- General contract work



ONAN P11000iTF

	Gas	Propane	Natural gas
Peak watts	11,000	10,000	8,800
Running watts	9,000	8,100	7,200
Noise level	As low as 64 dB		

- **Sump pump** 1,050 watts
- **Two 15k BTU ACs** 4,000
- **Table saw** 1,800 watts
- **40 gal water heater** 4,000 watts
- **Home HVAC** 2,400 watts
- **Electric clothes dryer** 5,400 watts

IDEAL USES

- Home emergency backup
- Large RV air conditioners
- Large power tools
- High wattage appliances

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