



CAT® RP SERIES GENERATORS AND INV SERIES INVERTER GENERATORS

**PORTABLE POWER IS IN THEIR DNA**

**BUILT FOR IT.™**

# FROM A LEGACY OF POWER

At Caterpillar, our products are designed to work and built to last, providing you with maximum value over the lifetime of your machine. We used this same philosophy when designing our line of portable power products.

Designed and backed by over 85 years of industry experience, our power products are built to professional standards and designed with usability in mind. Simply put: if you need quality power equipment, we've got you covered.

## WHY BUY THE CAT® BRAND?

### QUALITY BUILD

We build our power products with quality materials. They are designed to outlast and outperform your expectations.

### USABILITY

You like things that are easy to use, right? So do we. Our line of portable generators is designed with simple intuitive controls and plenty of comfort features.

### EXTRA-LONG WARRANTY

We stand behind our products with one of the longest, most comprehensive warranty policies in the business.

### SUPERIOR CUSTOMER SERVICE

We offer 24/7 call center support. Our service experts are available to help you with service repair needs and replacement parts, making owning and maintaining your Cat® portable generator easy.



## WE'VE GOT YOUR BACK

Every piece of equipment we build is put through its paces. But what does that mean in practice? First and foremost, it means building products of unparalleled quality. But it also means backing those products with unmatched support, like a three-year limited warranty on all models, and a robust library of educational resources to help you get the most out of your portable generators. That's what being a part of the Caterpillar family is all about.

Register your Cat portable generator at:  
[cat.com/homeandoutdoorpower-warranty](https://cat.com/homeandoutdoorpower-warranty)  
within thirty (30) days from the date of purchase.



All new Cat portable and inverter generator products are covered with a three (3) year limited\* warranty for operating coverage against factory defects in materials and workmanship, compared to the industry standard of two (2) years limited\*\*

\* Third year warranty subject to product registration within 30 days of purchase, see warranty documentation for specific details

\*\* Competitor information gathered during benchmarking and correct at time of publication.

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# PERFORMANCE AT YOUR FINGERTIPS

A COLLECTION OF PREMIUM FEATURES  
THAT SETS THE RP SERIES APART  
FROM ITS PEERS.

- Steel frame with low vibration engine mounts to minimize movement and noise
- Class-leading number of power outlets for maximum usability
- Premium Class-H insulation for better performance in tough conditions
- Durable, anticorrosion-treated steel fuel tank with fuel gauge for 11 to 15 hours of run time, depending on model
- Fuel-efficient overhead valve (OHV) engine engineered with heavy-duty liners for reliable power when you need it
- Custom muffler heat shielding for safety
- All operation controls are conveniently located in one place for easy access
- Manual fuel shutoff prevents leaks and keeps fuel from getting trapped and spoiling in the generator
- Automatic voltage regulator (AVR) controls voltage output to protect your valuable tools and appliances

## CONTROL PANEL WITH 4-IN-1 DISPLAY

for voltage, frequency, running hours and total hours



## SNAP-FIT RUBBER OUTLET COVERS

protect against moisture, dust and debris



## AUTOMATIC LOW-OIL SHUTDOWN PROTECTION

provides peace of mind for long-lasting operation



## ALL-STEEL CONSTRUCTION

Heavy-duty roll cage with steel side panels  
and fuel tank ensure structural integrity



## CONTROL PANEL WITH LED ILLUMINATION

for better visibility in low-light conditions



## BALANCED FOR EASY MOBILITY

using a foldable padded handle  
for optimal ergonomics



## CLEAN COVERED WIRING

guards against pulls and snags



## NEVER-FLAT SOLID WHEELS

with bolt-on axles that won't bow or break

## TOOLS INCLUDED

Generators come with tools  
for easy assembly and service:



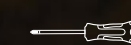
8/10mm wrench



12/14mm wrench



Spark plug wrench



Screwdriver



Oil



Oil funnel



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# QUIET AND VERSATILE

**CLEAN, RELIABLE POWER THAT OUTPERFORMS OTHER INVERTER GENERATORS IN ITS CLASS.**

Cat INV2000 Portable Inverter Generators are professional grade and OSHA compliant for worksites while quiet enough for camping, outdoor events, or wherever your adventures may take you.

- Quiet operation (53-62 dBA) meets National Park Service campground requirements
- Clean and regulated AC power with < 3% Total Harmonic Distortion (THD) is safe for sensitive electronics
- The two USB ports include a 2.1 amp port for quickly charging your tablet or phone
- DOUBLE your power by paralleling with another INV2000
- Higher 2250 peak wattage handles bigger start-up loads
- Engine EPA Certified to run 20% longer than the competition
- Simple 3-step starting

## CONTROL PANEL WITH LED ILLUMINATION

for better visibility in low-light conditions



## ENGINE SMART CONTROL (ESC)



automatically adjusts power to your exact needs – no more, no less

## INTUITIVE START/STOP SWITCH



with integrated choke



## DUAL USB PORTS

to charge phones, tablets and laptops



## DOUBLE THE POWER

by connecting a second INV2000

## LED NOTIFICATIONS

for Low Oil, Overload and Running



## SNAP-FIT RUBBER OUTLET COVERS

protect against moisture, dust and debris



## NO MESS

unique no-drip oil fill/drain design



## SERVICE WITH EASY ACCESS

to air filter and fuel drain



## AUTOMATIC LOW-OIL SHUTDOWN PROTECTION

provides peace of mind for long-lasting operation



## TOOLS INCLUDED

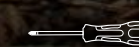
Inverter comes with tools for easy service:



8/10mm wrench



Spark plug wrench



Screwdriver



18 fl. oz. (532 ml) of oil



3-piece drip-free oil funnel



12V battery charging cable

INV SERIES



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# BUYING GUIDE

**STEP 1** Decide how much power (wattage) you need. Our sizing tool is an easy way to get a general gauge of how much power you may need. See back cover or go to [cat.com/generatorsizingtool](http://cat.com/generatorsizingtool) for more information.

**STEP 2** Verify the type of outlets you need for the tools and appliances you want to power.

**STEP 3** Consider size and weight. Make sure you know where you will store your generator and confirm the dimensions of that space.

**STEP 4** Decide what starting method you want.  
 Pull Start: INV2000, RP3600, RP5500  
 Pull Start & Electric Start: RP6500 E, RP7500 E  
 Electric Start: RP12000 E

**STEP 5** If you want to use your generator for emergency backup power, you will need a heavy-duty power cord and you may elect for a home-installed manual transfer switch. Consult a qualified technician for proper use and installation.

## THE RIGHT OUTLETS FOR YOUR NEEDS

### TWIST LOCK OUTLETS

A durable outlet that twists and locks into place, preventing accidental disconnection.



■ **L5-30R 120V 30A TWIST LOCK OUTLET**  
 An outlet made for use with a heavy L5-30P cord with higher-power 120V appliances or tools. Can be adapted (sold separately) for use with 120V travel trailers.



□ **L14-30R 120/240V 30A TWIST LOCK OUTLET**  
 An outlet for heavy industrial equipment or major appliances.

### POWER OUTLETS

Five types of standard power outlets.



▲ **5-20R 120V 20A DUPLEX POWER OUTLET**  
 The kind of outlet you see in your house – two three-pronged “Edison outlets” together.



△ **5-20R 120V 20A GFCI DUPLEX POWER OUTLET**  
 The kind of outlet you see in your house – two three-pronged “Edison outlets” together.



◇ **TT-30R 120V 30A RV POWER OUTLET**  
 A heavy-duty outlet specifically intended for connecting to a travel trailer or other recreational vehicle (RV).



● **14-50R 120/240V 50A POWER OUTLET**  
 A heavy-duty outlet for large tools and appliances.



▼ **12 VDC 8.3A POWER OUTLET**  
 Outlet for automotive-style battery charging.

### USB OUTLETS

Dual USB ports for charging various electronic devices.



▲ **2.1A 5V USB**  
 Standard USB outlet for charging phones, tablets and other electronics.



△ **1.0A 5V USB**  
 Standard USB outlet for charging phones, tablets and other electronics.

## WHAT WILL YOU POWER?



~100W



~200W



~200W



~700W



~1200W



~1800W

	INV2000	RP3600	RP5500	RP6500 E	RP7500 E	RP12000 E
Run Time at 50% Load	6 hrs	13.5 hrs	15 hrs	12 hrs	11 hrs	11.7 hrs
Engine Displacement	79.7 cc	212 cc	300 cc	420 cc	420 cc	670 cc
Engine Type	OHV	OHV	OHV	OHV	OHV	OHV V-Twin
Starting Method	Pull	Pull	Pull	Electric/Pull	Electric/Pull	Electric
Lubrication Type	Splash	Splash	Splash	Splash	Splash	Pressurized
Idle Control	ESC					Low Idle
Automatic Low-Oil Shutdown Protection	●	●	●	●	●	●
Single Side Operator's Station with LED Light	●	●	●	●	●	●
4-in-1 Display for Voltage, Frequency, Running Hours and Total Hours		●	●	●	●	●
Voltage Regulation	Inverter Type	AVR*	AVR*	AVR*	AVR*	AVR*
Foldable Handle for Easy Mobility and Storage		●	●	●	●	●
Heavy-Duty Bolt-On Never-Flat Wheels		●	●	●	●	●
<b>OUTLETS</b>						
■ L5-30R 120V 30A Twist Lock Power Outlet				1	1	2
□ L14-30R 120/240V 30A Twist Lock Power Outlet			1	1	1	1
▲ 5-20R 120V 20A Duplex Power Outlet		2				
△ 5-20R 120V 20A GFCI Duplex Power Outlet	1		2	2	2	2
◇ TT-30R 120V 30A RV Power Outlet		1				
● 14-50R 120/240V 50A Power Outlet						1
▼ 12 VDC 8.3A Power Outlet	1					1
▲ 1.0A 5V USB	1					
△ 2.1A 5V USB	1					

\*Automatic Voltage Regulator



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# CAT® INV AND RP SERIES PORTABLE GENERATORS



## INV2000

1800W RATED  
EPA, CARB, CSA (522-2700)  
2250W STARTING



## RP3600

3600W RATED  
EPA (490-6488), CARB (502-3684), CSA (502-3685)  
4500W STARTING



## RP5500

5500W RATED  
EPA (490-6489), CARB (502-3686), CSA (502-3687)  
6875W STARTING



## RP6500 E

6500W RATED  
EPA (490-6490), CARB (502-3688), CSA (502-3689)  
8125W STARTING



## RP7500 E

7500W RATED  
EPA (490-6491), CARB (502-3690), CSA (502-3691)  
9375W STARTING



## RP12000 E

12000/11000\* W RATED  
EPA (502-3699), CARB (502-3700), CSA\* (502-3701)  
15000W STARTING

### INV2000 ACCESSORIES



INV2000 Service Kit  
(517-9208)



INV2000 Protective Cover  
(517-9207)



INV2000 Parallel Kit  
(530-1202)

### RP3600 ACCESSORIES



RP3600 Service Kit  
(502-3702)



Small Protective Cover  
(502-3705)

### RP5500 ACCESSORIES



RP5500 Service Kit  
(502-3703)



Large Protective Cover  
(502-3706)



Multi-Connector Power Cord (25 ft)  
(502-3692)



Single Connector Power Cord (25 ft)  
(502-3693)

### RP6500 E ACCESSORIES



RP6500 E Service Kit  
(502-3704)



Large Protective Cover  
(502-3706)



Multi-Connector Power Cord (25 ft)  
(502-3692)



Single Connector Power Cord (25 ft)  
(502-3693)

### RP7500 E ACCESSORIES



RP7500 E Service Kit  
(502-3704)



Large Protective Cover  
(502-3706)



Multi-Connector Power Cord (25 ft)  
(502-3692)



Single Connector Power Cord (25 ft)  
(502-3693)

### RP12000 E ACCESSORIES



RP12000 E Service Kit  
(501-5293)



RP12000 E Protective Cover  
(501-5294)



Multi-Connector Power Cord (25 ft)  
(502-3692)



Single Connector Power Cord (25 ft)  
(502-3693)



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[cat.com/generatorsizingtool](http://cat.com/generatorsizingtool)



**ONLINE SIZING TOOL**

Find the right generator for you. Our sizing tool is an easy way to get a general gauge of how much power you may need.

[cat.com/homeandoutdoorpower-support](http://cat.com/homeandoutdoorpower-support)



**BECOME AN EXPERT OWNER**

Support and educational resources to help you operate and maintain your Cat® portable generator like a pro.

**SOCIAL MEDIA**

Connect with us on social media for helpful tips, news and product promotions.



[Facebook.com/cathomeoutdoor](https://Facebook.com/cathomeoutdoor)

[Twitter.com/cathomeoutdoor](https://Twitter.com/cathomeoutdoor)

[YouTube.com/cathomeoutdoor](https://YouTube.com/cathomeoutdoor)

[youtube.com/cathomeoutdoor](https://youtube.com/cathomeoutdoor)



**CAT HOME & OUTDOOR POWER YOUTUBE CHANNEL**

Step-by-step videos show you how to assemble, operate, maintain and store your generator.

[cat.com/homeandoutdoorpower-service](http://cat.com/homeandoutdoorpower-service)



**CAT HOME & OUTDOOR POWER AUTHORIZED SALES AND SERVICE CENTERS (ASSC)**

Use the online locator tool to find expert support at one of our many local ASSC.

**CONTACT US**

[cat.com/portablepower](http://cat.com/portablepower)

844-797-6387

[cat.com/homeandoutdoorpower-contact](http://cat.com/homeandoutdoorpower-contact)



**24/7 CUSTOMER SUPPORT VIA PHONE OR EMAIL**

Call or email us for help with choosing your generator, warranty registration, support questions or whatever else you need. Support available in English, Spanish, French.

**PROPER OPERATION**

Using a generator indoors can kill you in minutes. Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell.

Never use inside a home or garage, even if doors and windows are open.

Only use outside and far away from windows, doors and vents.

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