

CAT[®]



CAT[®] RP SERIES PORTABLE GENERATORS

POWER IS IN THEIR DNA

BUILT FOR IT.[™]

FROM A LEGACY OF POWER

When Caterpillar builds a machine, we build it to work and to last. Our new line of Cat® RP Series Portable Generators has been designed by the company with 85 years of experience in power and heavy equipment. These aren't sit-in-your-garage generators. Cat portable generators are meant to be taken out, used and put through their paces. With a simple, smart design and that famous Cat ruggedness and durability, it may be the only generator you'll ever own. Whether you choose the RP3600, RP5500, RP6500 E, RP7500 E or RP12000 E, your Cat RP Series Portable Generator will bring all the power you need anywhere you live, work or play.

DESIGNED FOR THE REAL WORLD

Cat RP Series Portable Generators, just like Cat heavy machines and equipment, are built with a laser-like focus on real-world usability. That means they must not just meet, but exceed industry standards for performance and durability. Thousands of hours of testing – from vibration tests to emissions tests to electrical tests, under a variety of conditions – were required before these generators met Cat standards. Moreover, every aspect of RP Series generators was thought through with on-site performance in mind. The result is a unique, ergonomic design and premium safety features you simply won't find in any other generator in its class. Our philosophy is simple: Your generator should be tough. Using it shouldn't be.



WE'VE GOT YOUR BACK

Every piece of equipment we make is built to be 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 best-in-class three-year warranty* on all models, and a robust library of educational resources to help you get the most out of your RP Series generator. That's what being a part of the Caterpillar family is all about.

*All new Cat portable generator products are covered for normal use for a warranty period of two (2) years from the date of original purchase or 1000 operating hours, whichever occurs first. Customers (original purchasers) also have the option to extend the warranty period by one (1) year for a total of three (3) years by registering their Cat generator on cat.com/homeandoutdoorpower-support within thirty (30) days from the date of purchase.

BUILT FOR IT.™

PERFORMANCE AT YOUR FINGERTIPS

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

- Solid 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 engine engineered with heavy-duty liners for reliable power when you need it
- Custom muffler heat shielding for safety
- Everything you need to start and operate conveniently on one side
- 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

Rugged outlet covers protect against moisture, dust and debris



ALL-STEEL CONSTRUCTION

Heavy duty roll cage plus steel side panels and fuel tank to ensure structural integrity



PANEL ILLUMINATION

LED panel lighting for night operation



COMFORT HANDLE

Padded, foldable and double-hinged for optimal ergonomics



COVERED WIRING

Clean wiring and protective cover guards against pulls and snags



NEVER-FLAT WHEELS

With bolt-through axles that won't bow or break



LOW-OIL SHUTDOWN PROTECTION

Gives you peace of mind for long-lasting operations

TOOLS INCLUDED

Generators come with tools for ease of assembly and service:



8/10 mm wrench



12/14 mm wrench



Spark plug wrench



Screwdriver



Oil



Oil funnel



BUILT FOR IT.™

BUYING GUIDE

WHY CHOOSE A CAT® RP SERIES PORTABLE GENERATOR?

In a word – versatility. The RP Series provides enough power and outlets to run multiple large appliances and tools. These portable generators are a good solution for those who want the flexibility to use them for emergency backup power for homes or small offices, and still be able to take them camping or out in the yard to power a DIY project. They’re also ideal for contractors who need to operate multiple tools like drills, saws and air compressors on different job sites.

HOW TO CHOOSE THE RIGHT GENERATOR

- 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 for QR code to link to the online sizing tool.*

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 if you want an electric start option. Most RP Series models have an easy-to-pull manual start. The RP6500 E, RP7500 E and RP12000 E models also have a self-charging battery for electric start.

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. Contact a local electrician for guidance.

THE RIGHT OUTLETS FOR YOUR NEEDS

Twist Lock Outlets

Capable of handling a large amount of power, a durable outlet that twists and locks into place, preventing accidental disconnection.



L5-30R 120V 30A Outlet

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



L14-30R 120/240V 30A Outlet

An outlet for heavy industrial equipment or major appliances.

Plug Outlets

Three types of standard plug-in outlets.



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 Outlet

A heavy-duty outlet specifically intended for connecting to a travel trailer or other recreational vehicle (RV).



14-50R 120/240V 50A Outlet

A heavy-duty outlet for large tools and appliances.



DC 12V 8.3A Power Outlet

Same type of outlet that’s in your car so you can quickly charge your small accessories.

	RP3600	RP5500	RP6500 E	RP7500 E	RP12000 E
Engine Displacement (cc)	212	300	420	420	670
Run Time at 50% Load (Hrs)	13.5	15	12	11	11.7
Recoil Start	●	●	●	●	
Electric Start			●	●	●
Single Side Operator’s Station with LED Light	●	●	●	●	●
Low-Oil Shutdown Protection	●	●	●	●	●
4 in 1 Display for Voltage, Frequency, Running Hours and Total Hours	●	●	●	●	●
Foldable Handle for Easy Mobility and Storage	●	●	●	●	●
Heavy-Duty Bolt-On Never-Flat Wheels	●	●	●	●	●
Lubrication Type	Splash	Splash	Splash	Splash	Pressurized
Lifting Eye					●
Low Idle Mode					●
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		2	2	2	2
TT-30R 120V 30A RV Power Outlet	1				
14-50R 120/240V 50A Power Outlet					1
DC 12V 8.3A Power Outlet					1



RP3600
3600W RUNNING / 4500W STARTING
EPA, CARB AND CSA MODELS AVAILABLE



RP5500
5500W RUNNING / 6875W STARTING
EPA, CARB AND CSA MODELS AVAILABLE



RP6500 E
6500W RUNNING / 8125W STARTING
EPA, CARB AND CSA MODELS AVAILABLE



RP7500 E
7500W RUNNING / 9375W STARTING
EPA, CARB AND CSA MODELS AVAILABLE



RP12000 E
12000W RUNNING / 15000W STARTING
EPA, CARB AND CSA MODELS AVAILABLE



BUILT FOR IT.™



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.



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.



CAT HOME & OUTDOOR POWER YOUTUBE CHANNEL

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



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

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

CONTACT US

cat.com/portablepower

844-797-6387

homeandoutdoorpower@cat.com



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.

