



robosen Optimus Prime Elite Transformers or Auto Converting Programmable Robot User Manual

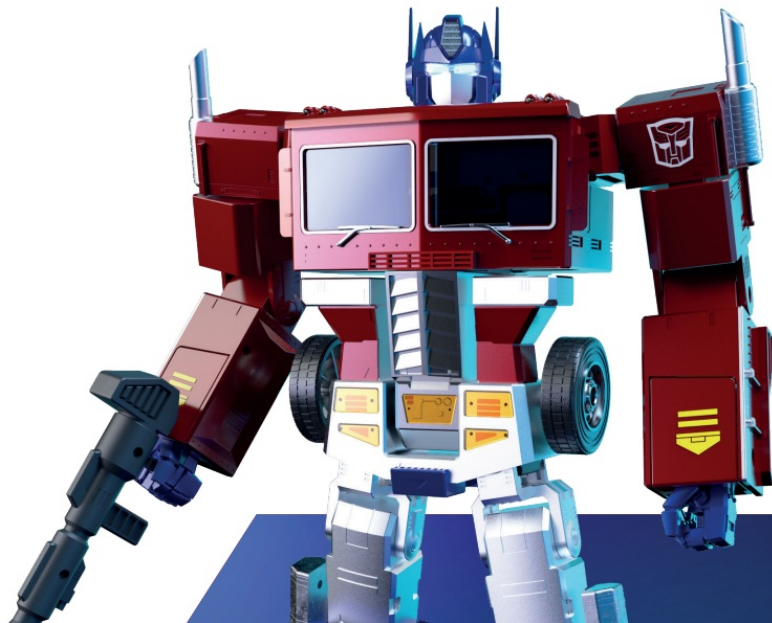
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robosen

THE ROBOT COMPANY

OPTIMUS
PRIME ELITE
USER MANUAL

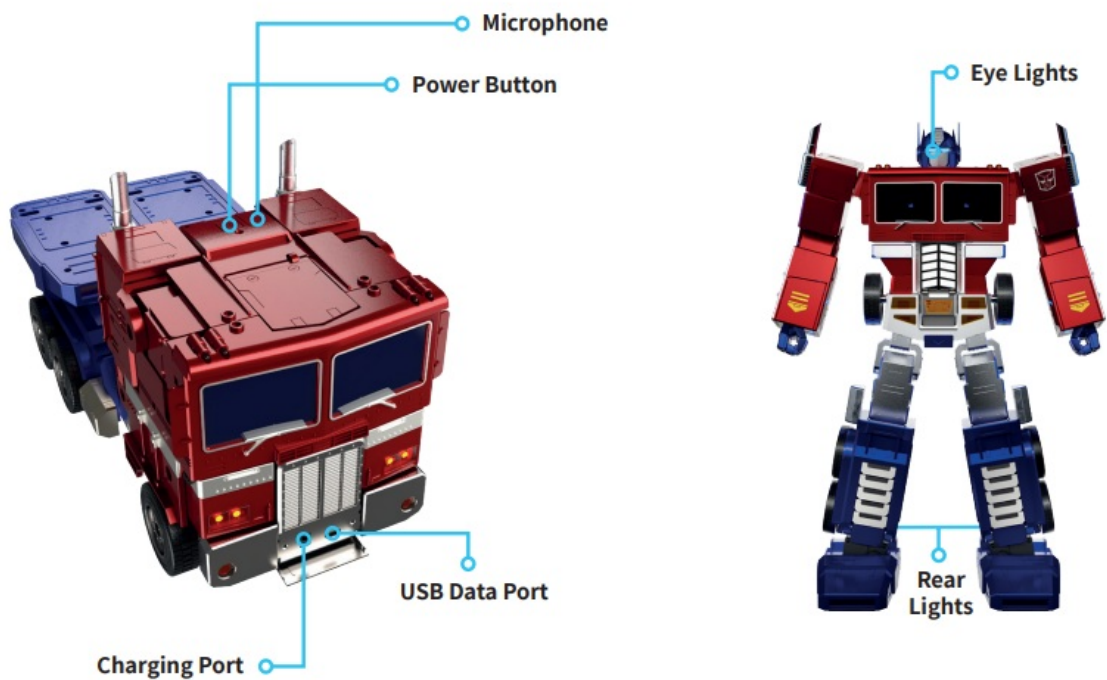










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Product Specification



Dimensions	16 in.×10 in. ×5.7 in. (R) 5.11 in. x 6.69 in. x 12 in. (V)
Weight	1.8kg(63.4oz)
Material	Aluminum Alloy Frame, ABS + PC shell
Servo motor	27 (Chest 2/Hands 6×2/Legs 5×2/Wheels 2/head 1)
Wireless Connection	Bluetooth Low Energy (BLE) 5.0
Control Method	Mobile App, Voice Control
External Ports	DC Charging Port, USB data cable
Battery Capacity	Li-polymer 11.1V 1200mAh
Adapter	Input 100V-240V~50/60Hz 1A, Output DC 12.6V 1A

	1 Axe & 1 Blaster Accessories cannot be used in touch mode
	robosen Elite Optimus Prime
	Quick Start Guide
	User Manual
	Power Adapter
	Data Cable

Features Introduction



POWER ON

Take out the robot and place it on smooth flat surface(do not place it on the carpet). Press and hold the power button until it says “I am the leader of the Autobots.” (about 5 seconds).



CHARGING

Connect the power supply adapter to the robot's DC charging port. Plug in the power adapter to an electrical outlet. The indicator light of the power adapter changes from red to green when the robot is fully charged.



VOICE CONTROL

Say “Hey, Optimus Prime” to enter Voice Control mode, The robot will respond “Greetings.” See the Voice Command Card for more preset voice commands;

(NOTE: Voice control functions cannot be used while the robot is connected with the device app. Disconnect from the robot app to use voice control.)



VOICE COMMANDS

"Hey, Optimus Prime"	"Move Forward"	"Roll Out"	"Come Back"	"Turn Left"	"Turn Right"	"Turn Around"	"Move Left"
"Move Right"	"Convert"	"Report"	"Are We Friends?"	"Open Fire"	"Attack"	"Say Hello"	"Who Are You?"
"Return Headquarters"	"Look Out"	"Stay Back"	"Birthday Happy"	"Megatron"	"Decepticons"	"Victory"	"Protect"
"Shutdown"	"Volume Up"	"Volume Down"	"Freedom"	"Guard"	"Honor"	"Engage"	"Loyalty"
"Energon"	"Power"	"Calling"	"Hero"	"Cancel"	"Customize"	"Start Actions"	



VOICE CONTROL

Say "Hey, Optimus Prime" to the robot. Wait for the robot to respond "Greetings". Say "Customize" within 10 seconds. The robot is in voice customization mode after it responds with "Customize Your Arsenal". In the voice customize mode, say a voice command phrase to the robot, such as "Say Hello", "Come Back", and "Turn Left". After saying each voice command, wait for the success prompt sound effect to indicate that the robot acknowledged the command phrase, and then continue to say the next command phrase to add to the sequence of execution.

Say "Cancel" to the robot if you need to exit Voice Programming Mode. After inputting a set of voice customized words, you can say "Start Actions" to initiate these commands, and the device will execute, in sequence, the command phrase actions you have programmed.

(NOTE: The device will automatically exit Voice Programming Mode if no commands are heard after 10 seconds. Voice command inputs have failed if you don't hear the sound effect after each command entry. If voice commands aren't being recognized, please log into the app and review the section on setting voice commands.)



INSTALL MOBILE APP

Search for "Robosen Elite Optimus Prime" in the App Store (for Apple devices) or Google Play (for Android devices), then download and install.



<https://flowcode.com/p/uuibU2sec>



CONTROL VIA THE APP

Ensure your mobile Bluetooth settings are on. Turn on the robot.

Open the device app, then tap the connection icon located on the main page. An icon with your robot's unique serial number will appear, for example: "OP-0000". Tap on the "OP-0000" icon. Have fun controlling the robot via the app.



POWER OFF

Press and hold the power button until the robot says, "Autobots never give up". If connected via the App, tap the connection icon located on the top-right corner of the main page, and tap the "Shutdown" icon.

Troubleshooting



Q: Why is the robot malfunctioning?

- Turn off and restart the robot.
- Ensure the robot is fully charged.
- Check the website for video tutorials on troubleshooting issues.
- Contact customer service for additional help.



Q: Why is the robot unresponsive when I use voice commands?

- Check the Blue tooth connection.
- Ensure the robot is disconnected from the App.
- Use the preset Voice Commands to control your robot.
- Ensure you are in a quiet setting with minimal background noise.



Q: Why can't the robot keep its balance when it is walking or doing other actions?

- Ensure the robot is on a smooth flat surface, Robosen Optimus Prime will not function properly on an uneven or bumpy surface.



Q: The robot does not power on?

- Ensure the Robot is fully charged. Charge the robot fully and power it on.
- Press and hold the power button until the robot says “Greetings, I am Optimus Prime”.



Q: App cannot connect to the robot?

- Ensure the robot is fully charged and turned on.
- Ensure Bluetooth is enabled on your smartphone/tablet.
- Ensure your device permissions are enabled for the robot on your device.
- Ensure only one device is connected to the robot. Disconnect the robot from any other smartphone/tablet you are not using.



Q: The robot still shows low battery after charging for a long time?

- Ensure both ends of the charging cable are properly plugged in.

Warnings



WATCH YOUR FINGERS

Do NOT touch the product while it is converting or moving.
Do NOT forcibly remove or lift the head of the product.



FLAMMABLE

Do NOT open, crush, or expose the product to heat above 35°C.
Do NOT incinerate the battery.



WARNING: CHOKING HAZARD

SMALL PARTS. NOT FOR CHILDREN UNDER 3 YRS.

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with a minimum distance of 20cm between the radiator & your body.

Disclaimer

PRODUCT AND LIMITED WARRANTY INFORMATION GUIDE

This guide contains safety, handling, disposal, recycling, and regulatory information as well as the limited warranty for the machine. Read all safety information and operating instructions before using the machine to avoid harm or injury. Visit www.robosen.com for a downloadable version.

IMPORTANT SAFETY AND HANDLING INFORMATION

Read the following warning before you or your child play with the machine. Failing to do so may cause injury.

CAUTION

- a) To reduce the risk of damage or injury, do not attempt to remove the machine's shell.
- b) Please refer all non-routine servicing questions to Robosen Robotics Inc.
- c) No user-serviceable parts are contained inside.

CALIFORNIA PROPOSITION 65 WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

GENERAL

- Read all safety and operating instructions before operating the machine.
- Retain the safety and operating instructions for future reference.
- Follow all operating and usage instructions.
- Do not attempt to service the machine yourself. Refer all non-routine servicing to Robosen.

SEIZURE, BLACKOUTS AND EYESTRAIN

A small percentage of people may be susceptible to blackouts seizures (even if they have never had one before) when exposed to flashing light patterns such as when playing games or watching videos. If you have experienced seizures or blackouts or have a family history of such occurrences, you should consult a physician before playing video games or watching videos. Discontinue the use of the machine and your smart device controller and consult a physician if you experience headaches, blackouts, seizures, convulsion, eye or muscle twitching, loss of awareness, involuntary movement, or disorientation. To reduce the risk of headaches, blackouts, seizures, and eyestrain, you could avoid prolonged use, hold your smart device controller some distance from your eyes, use the machine in a well-lit room, and take frequent breaks. You should.

KEEPING MACHINE WITHIN ACCEPTABLE TEMPERATURES

Operate and store the machine in a place where the temperature is between 0 and 35C (32 to 95F). Low or high-temperature conditions might temporarily shorten battery life or cause the machine to temporarily stop working properly. Avoid dramatic changes in temperature or humidity when using the machine, as condensation may form on or within the machine. Don't leave the machine in your car, because temperatures in parked cars can exceed this range. When you're using a machine or charging the battery, it is normal for the machine to get warm.

MAINTENANCE AND USE

Never:

- Abuse, throw, drop, puncture, violently kick, or step on machine. Forcibly move the product or its parts. This can damage the robot and compromise its safe operation.
- Operate machine on elevated surfaces (shelves, desks) where it can drop or fall. This can damage the robot and compromise its safe operation.
- Operate machines in dangerous, hazardous, or public areas where use is not permitted (high voltage power lines, train stations, airports, trains). Check whether the use of the machine is permitted before using it in public areas or public transport.
- Exceed one hour of continuous use. This can cause premature degradation of the product's lifespan.

ALWAYS

- Keep the machine in sight at all times when operating it to avoid injuries or damage to people, animals, or property.
- Ensure that no one is standing nearer than 1 yard (0.91 meters) from the machine when in operation and that you keep a safe distance between the product and people, animals, and property.
- Use the machine on smooth and flat surfaces
- Periodically examine the machine for potential hazards such as cracked, damaged, or otherwise broken parts. In the event of such damage, do not use the machine until it can be replaced or repaired.

BATTERY WARNING

- Lithium ion cells and batteries are extremely hazardous and liable to cause serious injuries to persons or property. The user accepts liability for the use of a Lithium Polymer battery. As the manufacturer and the distributor cannot ensure the battery is used correctly (charging, discharging, storage, etc.), they cannot be held liable for damages caused to persons or property.
- In the event of battery leakage, avoid the liquid coming into contact with skin and eyes. In case of contact with the skin, wash copiously with soap and water. In case of contact with the eyes, rinse copiously with cold water and consult a doctor. If you notice a suspicious smell or noise or observe smoke around the charger, disconnect it immediately.
- Non-compliance with the instructions below could result in gas given off, fire, electric shock, or an explosion.

CHARGING

- Examine the charger regularly for damage to the cord, plug, enclosure, or other parts.
- The toy shall only be used with transformer for toys.
- Never use a damaged charger or power adapter or third-party charging accessories. Use only the supplied charging accessories provided. If misused, the charging system can cause electrical shock.
- Never charge a leaky battery or one that has been damaged. Do not use the supplied charger/cables to charge any other device.
- Do not charge the battery next to flammable materials or on a flammable surface (carpet, wooden flooring,

wooden furniture, etc.) or conducting surface. Do not leave the machine unattended during charging.

- Never charge the device immediately after use while it is still hot. Let it cool down to room temperature.
- Batteries are only to be charged under adult supervision.
- Do not cover your product or its charger while the battery is charging. Recharge the battery at a temperature of between 0 and 35C (32 to 95F). The AC/ DC adapter is not a toy and is recommended to be operated by adults.

• **USE AND STORAGE**

- Do not use the machine if its cover has been broken and the battery's plastic cover has been cracked or compromised in any way.
- Do not expose the battery to excessive physical shock.
- Do not expose the machine and its battery to heat or dispose of a fire.
- Do not put the battery in a microwave oven or in a pressurized container.
- Do not attempt to dismantle, pierce, distort or cut the battery and do not attempt to repair the battery.
- Do not place any heavy objects on the machine, the battery, or the charger.
- Do not clean the charger with a solvent, denatured alcohol, or other flammable solvents. When cleaning, be sure to unplug the adapter and charger.
- It is essential to avoid short circuits. Avoid direct contact with the electrolyte contained within the battery. The electrolyte and electrolysis vapors are harmful to health.
- Do not subject the machine and its battery to large temperature variations. Do not place your machine near a source of heat.
- Disconnect the charger when you are not charging the battery.

BATTERY DISPOSAL

Machines and their batteries put into your general household waste can be harmful to the environment. Damaged or unusable batteries must be disposed of in a container specially reserved for this purpose. When disposing of the battery, follow appropriate local guidelines and regulations. For further information contact your local solid waste authority.

Warranty

LIMITED WARRANTY TO ORIGINAL PURCHASER

- This machine product, as supplied and distributed by Robosen Robotics Inc., and delivered new, in the original carton to the original customer purchaser is warranted by Robosen Robotics Inc. against manufacturing defects in materials and workmanship for a period of 1 year.
- Robosen will repair or replace this product, at our option and at no charge with new or reconditioned parts, found to be defective during the limited warranty period specified above.

PRODUCT REGISTRATION

Register your product at robosen.com.

IF A DEFECT ARISES

- Please contact us at supportusa@robosen.com to be provided with a Return Material Authorization Request (RMA) number.
- Provide this number with your package when shipping. We do not accept returns without the RMA number. The

purchaser is responsible for all shipping costs.

SOFTWARE LICENSE

Use of machine is subject to the machine Software License Agreement.

EXCLUSIONS AND LIMITATIONS

This warranty covers the normal and intended use of the machine. It applies only to the hardware product "machine" manufactured by Robosen Robotics Inc. The Limited Warranty does not apply to any non-Robosen hardware product or any software, even if packaged or sold with the machine hardware product. Refer to the software license agreement accompanying the software for details of your rights with respect to its use. Robosen does not warrant that the operation of the machine will be uninterrupted or error-free. Robosen is not responsible for damage arising from failure to follow instructions relating to the machine's use.

This warranty does not apply to:

- a) Consumable parts, such as batteries, or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship;
- b) Damage caused by use with non-machine products; cosmetic damage;
- c) Damage caused by accidents, misuse, abuse, neglect, misapplication, fire, water, lightning, or other acts of nature; incorrect electrical line voltage, fluctuations or surges; damage caused by improper installation; product alteration or modification; improper or unauthorized repair; exterior finish or cosmetic damage;
- d) Damage caused by an operating machine outside the intended uses described by Robosen;
- e) Defects caused by normal wear and tear or otherwise due to the normal aging of the machine product.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED AND DESCRIBED ABOVE, AND NO WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS SHALL APPLY AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTEE GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON ROBOSEN.

EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, ROBOSEN IS NOT RESPONSIBLE FOR LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, LOSS OF OPPORTUNITY, LOSS OF GOODWILL, LOSS OF REPUTATION, LOSS OF, DAMAGE TO, COMPROMISE OR CORRUPTION OF DATA, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT, OR ANY BREACH OF ANY WARRANTY OR CONDITION REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF ROBOSEN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST ROBOSEN BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE MACHINE. WITHOUT LIMITING THE FOREGOING, THE PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE, OR INJURY TO THE PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT SOLD BY ROBOSEN NOT CAUSED DIRECTLY BY THE GROSS NEGLIGENCE OF ROBOSEN. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE, AND STATES YOUR EXCLUSIVE REMEDY.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

GOVERNING LAW AND ARBITRATION

This Limited Warranty shall be governed by the laws of the State of California without giving effect to any conflict of laws principles that may provide the application of the law of another jurisdiction through binding non-appearance-based arbitration. The arbitration shall be initiated through an established alternative dispute resolution provider mutually agreed upon by the parties. The alternative dispute resolution provider and the parties must comply with the following rules: a) The arbitration shall be conducted by telephone, online, and/or be solely based on written submissions, the specific manner shall be chosen by the party initiating the arbitration; b) The arbitration shall not involve any personal appearance by the parties or witnesses unless otherwise mutually

agreed by the parties; c) Any judgment on the award rendered by the arbitrator may be entered in any court of competent jurisdiction. If the foregoing arbitration clause does not apply for any reason, you agree to submit to the personal jurisdiction of the state courts located within LA County, California, and the federal courts in Los Angeles, California for the purpose of litigating all such claims or disputes, which courts shall have exclusive jurisdiction of such claims or disputes. Not with standing foregoing, Robosen may seek injunctive or other equitable relief to protect its intellectual property rights in any court of competent jurisdiction.

CHANGES TO THIS PRODUCT INFORMATION GUIDE

The explanations and specifications in this guide are given for information only and may be modified at any time without prior notice. The latest version of this guide will be available from our website at www.robosen.com.The explanations and specifications contained in this guide are correct at the time of printing. Robosen reserves the right to amend or improve the product design or user guide without any restrictions and without any obligation to notify users. As part of our ongoing effort to upgrade and improve our products, the product that you have purchased may therefore differ slightly from the model described in this guide.

END OF LIFE PRODUCT DISPOSAL

At the end of this product’s life, please do not dispose of this product in your general household waste. Instead, in order to prevent possible harm to the environment or human health from uncontrolled waste disposal, please dispose of this product separately in accordance with your local laws and regulations. For more information on the separate collection systems for waste electrical and electronic equipment that are available for consumers, near your home, free of charge, please contact your local municipality authority. You can also contact the retailer from which you purchased your machine they might have put in place recycling services or he may be part of a special recycling program. This product will be then treated in an environmentally sound manner at a licensed recycling plant and its components will be recovered, recycled, or reused in the most efficient manner, in compliance with the requirements of the Directive on Waste Electrical and Electronic Equipment (2002/96/EC) of 27 January 2003 (as subsequently amended or replaced).

IMPORTANT

ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER’S AUTHORITY TO OPERATE THIS EQUIPMENT.



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Documents / Resources

	robosen Optimus Prime Elite Transformers or Auto Converting Programmable Robot [pdf]] User Manual OP30T, 2ATNWOP30T, Optimus Prime Elite, Transformers or Auto Converting Programmable Robot, Optimus Prime Elite Transformers or Auto Converting Programmable Robot
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References

- [Robosen Robotics - The Robot Company](#)
- -
- [Robosen - Official Website](#)

