veratek

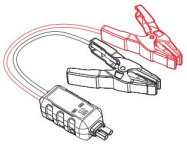
V8 PRO AIR

Multifunction Jump Starter & Inflator All-in-One

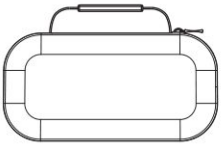
User Manual

What's in the Box

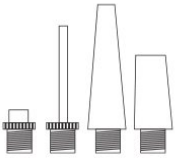
Jump starter × 1



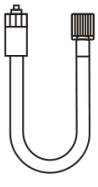
EC5 jumper cable × 1



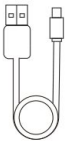
Protective storage bag × 1



Adapters × 4



Inflator hose × 1

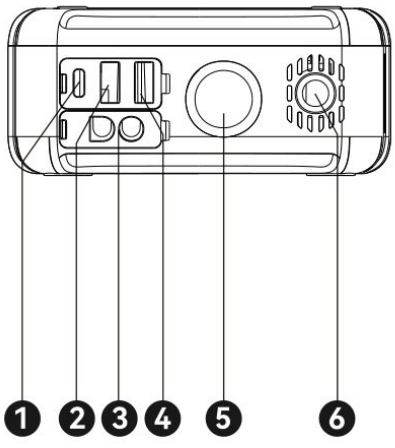


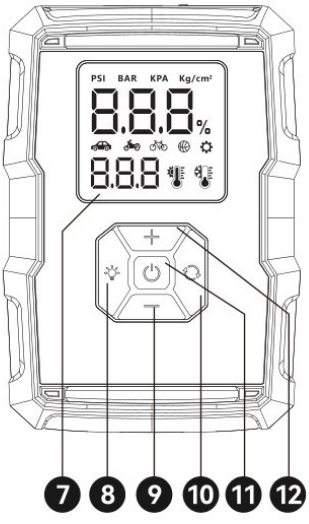
Charging cable × 1

User manual × 1

Car charger × 1

Product Diagram





1. USB-C input: 5 V / 3 A.

2. USB2 output: 5 V / 3 A.

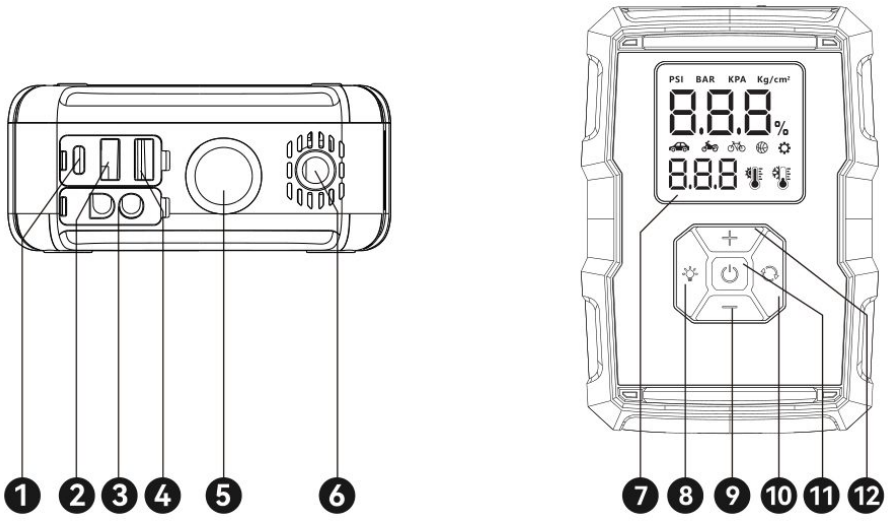
3. EC5 output: Power interface for the battery clamps.

4. USB1 output: 5 V / 3 A.

5. LED lights: LED flashlight.

6. Inflation hose port: Maximum pressure output of 150 PSI.

Product Diagram



7. LED screen: Displays battery level, pressure, preset inflation modes and protection warnings.

8. LED light button: Flashlight, SOS and strobe modes. Press to switch the light on or off.

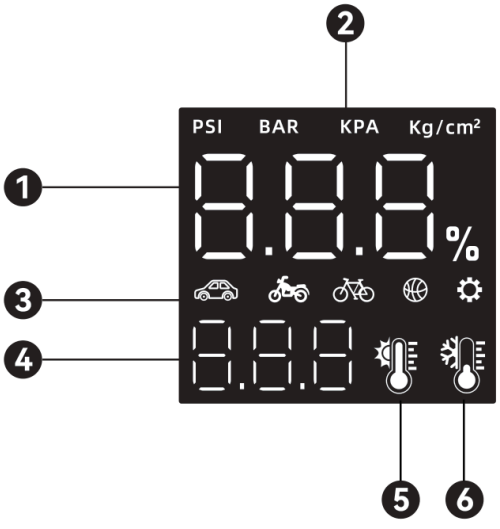
9. - pressure button: Press to decrease pressure.

10. Inflate button: Press once to activate inflation mode; press again to change the inflation target. Hold for 3 seconds to switch units.

11. Power button: Press to turn on; hold to turn off.

12. + pressure button: Press to increase pressure.

LED Screen Instructions

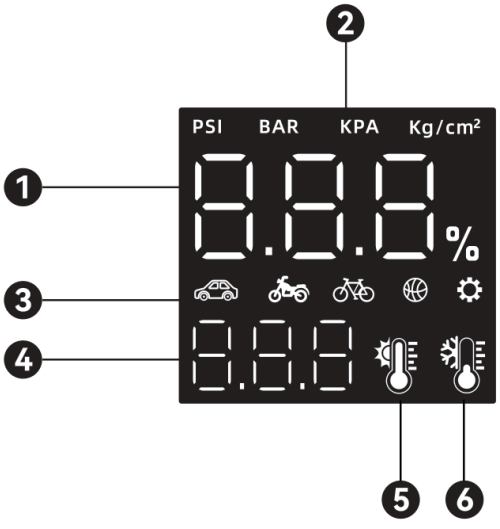


1. Battery charge: Shown on the screen.

2. Measurement units: PSI, BAR, KPA and kg/cm².

3. Inflation modes: Car, motorcycle, bicycle, ball and custom mode.

LED Screen Instructions



4. Pressure: Shown on the screen.

5. High-temperature protection: The red thermometer icon flashes when the product overheats.

6. Low-temperature protection: The blue thermometer icon flashes when the battery voltage drops too low.

Technical Specifications

Internal battery type	Lithium polymer (LiPo)
Capacity	59.2 Wh
USB-C input	5 V / 3 A
USB-A1 output	5 V / 3 A
USB-A2 output	5 V / 3 A
USB-A1 + USB-A2 output	5 V / 3 A
Noise level	100 dB
Maximum pressure	150 PSI
Air flow rate	≥25 L/min

Danger Warnings

Read and understand all safety information before use. Failure to follow these instructions may cause serious injury, property damage or death.

Explosive gas: Lithium and lead-acid batteries can produce explosive gases during use. Check warning labels on the product and engine. Follow the battery and equipment manufacturers' safety instructions. Use in a well-ventilated area away from open flames, sparks and smoking materials.

Explosion: Incompatible, damaged or unmonitored batteries can explode. Check all connections are secure and correct. Do not leave the product unattended during use. Do not use with damaged or frozen batteries. Use only the recommended voltage and follow the manufacturer's instructions carefully.

Danger Warnings

Fire: The product can become hot during use or charging. It can cause fire and burns if overheated. Monitor it while charging, keep it away from flammable materials, and leave it uncovered. Do not smoke or use open flames nearby.

Electrical shock: This electrical device can cause serious injury by electric shock. Handle cables and connections carefully. Do not expose to water or moisture.

Important Safety Information

Operating temperature: Use at ambient temperatures from -20°C to 60°C. Keep away from humid, hot or flammable places.

Storage: Store dry at -20°C to +60°C, with a daily average of 0°C to +25°C. Never exceed 80°C. Avoid damp conditions and corrosive materials.

Use precautions: Use as intended. Wear eye protection and protective clothing near batteries. Do not smoke near a battery or engine. Do not let metal objects such as tools, watches or jewelry create sparks or a short circuit. Wash your hands after handling batteries and related materials. Stop immediately if there is swelling, leakage or an odor.

Important Safety Information

Starting compatibility: Only for 12 V wet lead-acid batteries. Ask the battery manufacturer if you are unsure of battery chemistry or voltage.

Modifications: Do not alter, modify, repair or disassemble the product. Doing so may cause injury, death or property damage and voids the warranty.

Choking hazard: Not for children. Accessories can cause choking. Do not leave children unattended with the product or accessories. This product is not a toy.

Important Safety Information

Minor safety: The purchasing adult must give detailed instructions and warnings if a minor uses the product. The purchaser is solely responsible for failure to do so.

Override function: Disables all safety features, including spark-proof and reverse-polarity protection. Never reverse the clamps. Never connect the red and black clamps to each other. Use extreme caution: misuse can cause sparks, severe injury, death or property damage.

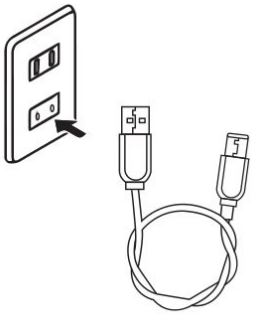
Battery disposal: Only the manufacturer may replace the built-in lithium-ion battery. Recycle or dispose of it separately from household waste. Do not attempt replacement yourself. Take exhausted batteries to a local battery recycling center.

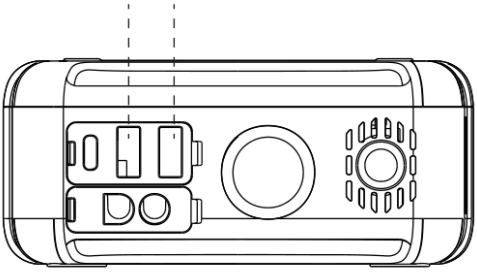
Recharging the Jump Starter

The jump starter is partly charged when supplied. Fully charge it before use. Read the battery percentage on the LED screen.

Battery percentage

Recharge with the supplied charging cable



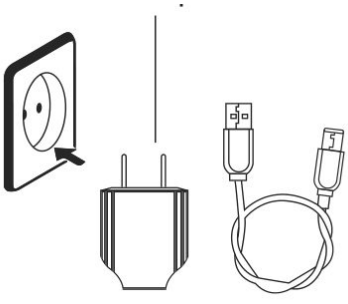


USB-A output

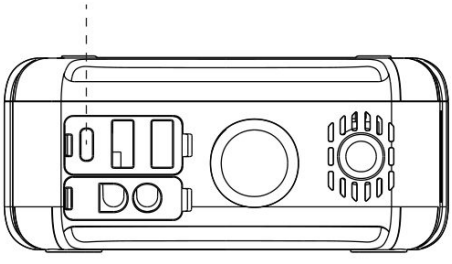
Connect the supplied regular/fast charging cable to the jump starter. Connect the cable to a USB-A/USB-C port to begin charging.

Recharging the Jump Starter

Recharge with an AC adapter



AC adapter



USB-C input

Connect the supplied regular/fast charging cable to the jump starter. Connect the cable to a USB-A/USB-C AC adapter. Plug the adapter into a power source to start charging.

AC adapter not included.

Jump Starting Your Vehicle

Designed to jump start 12 V lead-acid batteries in gasoline and diesel vehicles. Do not use on a higher-voltage battery, different voltage or larger displacement. Suitable for cars, trucks, boats, buses, SUVs, RVs, lawn mowers, motorcycles, etc.

Before use, ensure the jump starter is above 30% charge. Recharge it if below 30%.

Jump Starting Your Vehicle

Important notes

1. Only for 12 V lead-acid batteries, not other battery types.

2. Use the included jumper clamps. Avoid continuous cranking at short intervals.

3. Do not recharge immediately after starting a vehicle.

4. Do not expose to heat, open flames or water. Do not disassemble or modify.

5. Allow the unit to cool before another attempt after 3 unsuccessful attempts in a row.

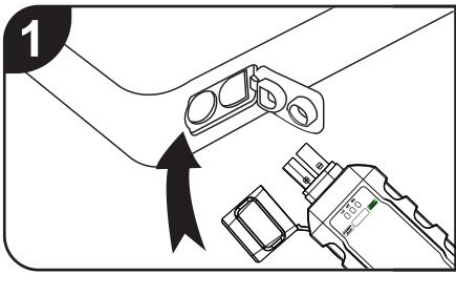
6. After starting, promptly disconnect the jumper cable from the vehicle to avoid possible fire hazards. Avoid reverse charging through misuse.

7. Sleep mode starts automatically after 30 seconds of inactivity. Press the power button to reactivate.

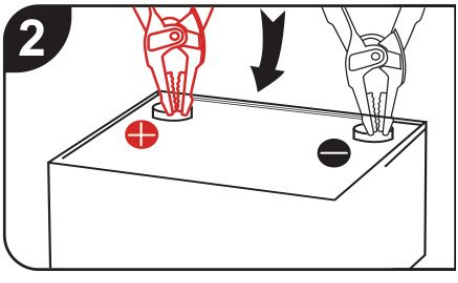
8. Recharge at least once every 3 months to maintain battery health.

Normal Jump Start Mode

Follow these steps precisely to start your vehicle safely and effectively.

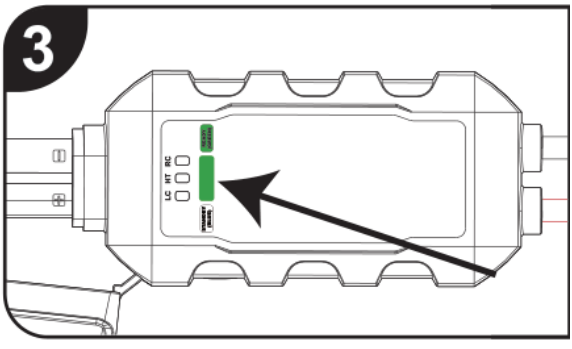


1. Insert the jumper cable into the EC5 port on the jump starter.

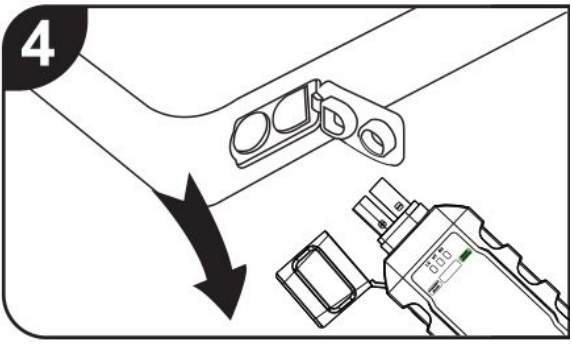


2. Connect the battery clamps securely and correctly to the vehicle battery terminals.

Normal Jump Start Mode



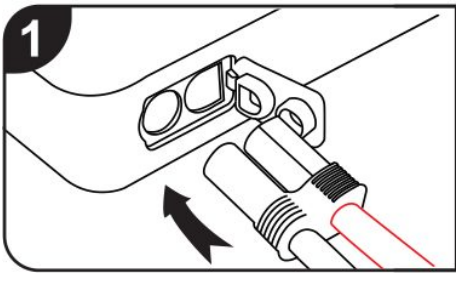
3. Start the engine within 30 seconds after the indicator turns green.



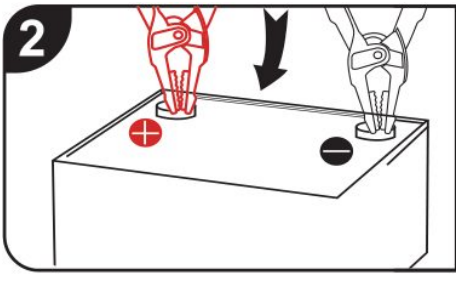
4. Promptly disconnect the jumper cable from the vehicle battery after starting.

Override Mode

For vehicle batteries below 2 V, activate override by pressing the red button on the side of the battery clamps.

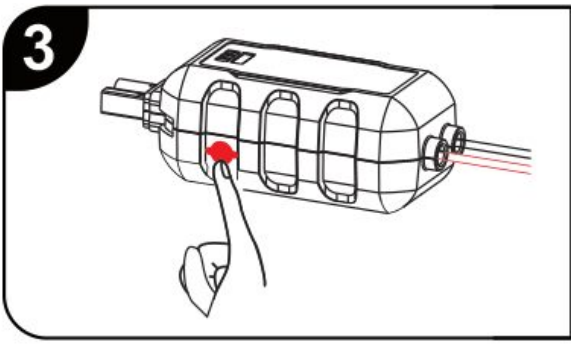


1. Insert the jumper cable into the jump starter's EC5 port.

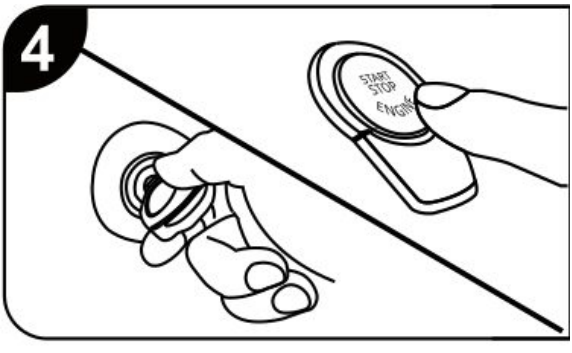


2. Connect the clamps securely and correctly to the vehicle battery terminals.

Override Mode

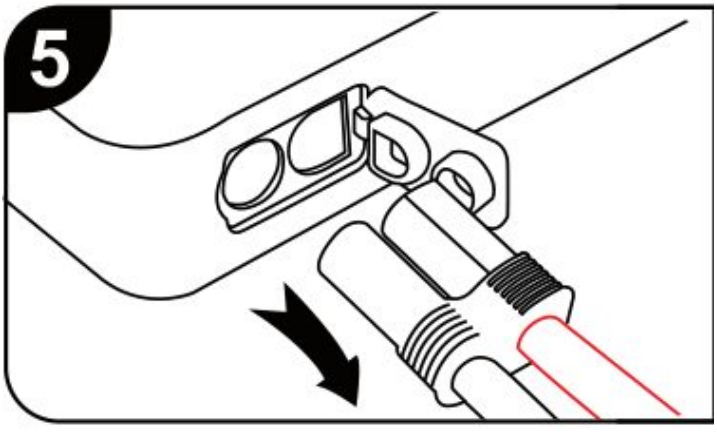


3. Hold the red button for 3 seconds until the indicator turns green.



4. Start the engine within 30 seconds after the indicator turns green.

Override Mode

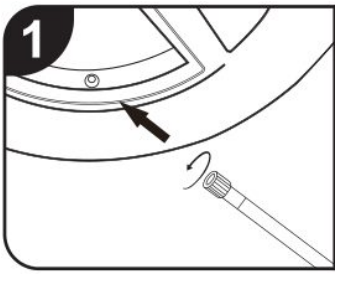


5. Promptly disconnect the jumper cable from the vehicle battery after starting.

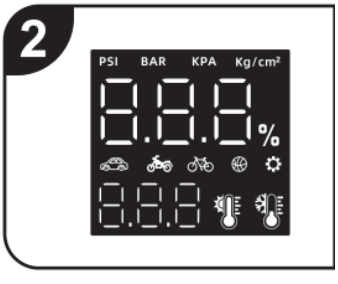
Caution: Use extreme care. Override disables all safety features, including spark-proof and reverse-polarity protection. Ensure the positive and negative clamps never touch each other.

Air Inflation Function

The built-in air compressor inflates tires, balls and other inflatable equipment.

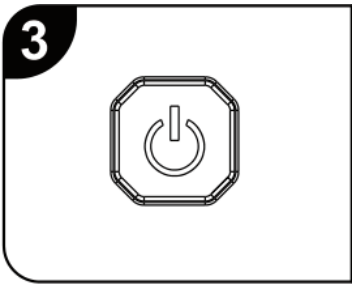


1. Choose the correct valve adapter and fasten the hose tightly to the valve. Check for air leaks and straighten the hose so it is not crooked.

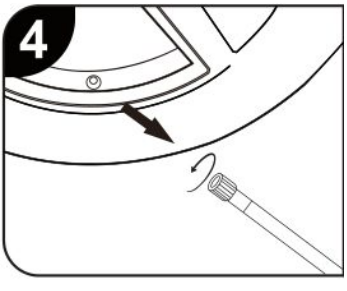


2. Turn on the device. Press M to activate inflation mode and select the required inflation value.

Air Inflation Function



3. Hold the power button to start or stop inflation.



4. Remove the nozzle and hose from the inflated object once the desired pressure is reached.

To avoid overheating and extend pump life, take a 10-minute break after every 10 minutes of continuous use.

Inflation Modes

Preset inflation modes

Four preset modes are provided for car tires, motorcycle tires, bicycle tires and balls, each with a preset pressure.

Car: 36 PSI | Motorcycle: 33 PSI | Bicycle: 30 PSI | Ball: 8 PSI | Custom: 3 PSI

Inflation Modes

Manual inflation mode

Adjust pressure with + / -. Press the unit button to change units. Confirm the maximum inflation pressure before starting.

Select the correct unit before setting pressure; a wrong unit can cause overinflation and explosion. Conversion: 1 bar ≈ 14.5 PSI; 1 bar = 100 kPa; 1 bar ≈ 1.02 kg/cm².

Pressure Reference

Bicycle

12, 14, 16-inch bicycle tire	30-50 PSI
20, 22, 24-inch bicycle tire	40-50 PSI
26, 27.5, 29-inch mountain-bike tire	45-65 PSI
700C road-bike tire	120-145 PSI

Pressure Reference

Motorcycle tire	26-40 PSI
Car tire	32-40 PSI
Basketball	7-9 PSI
Football	8-16 PSI
Volleyball	4-6 PSI
Rugby ball	12-14 PSI

Pressure Reference

Caution: Maximum inflation depends on the original equipment manufacturer's specifications. These figures are general guidance and may vary. Follow the manufacturer's recommended PSI for proper inflation.

Note: Read and confirm the inflatable item's recommended pressure before inflating. Use manual mode for items normally inflated by mouth. Switch off the compressor when the desired firmness is reached, as you would when inflating by mouth.

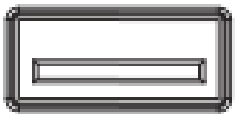
LED Panel Lights

Three emergency lighting modes: flashlight, SOS and strobe. Press the light button to turn on; hold it to turn off. Short presses cycle through modes.

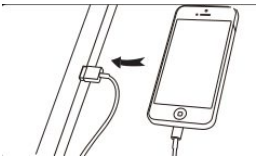
Press light button → On / steady light → Short press → SOS → Short press → Strobe → Short press → Off

Charging Devices

Use as a power bank. Two USB outputs provide up to 15 W for charging devices.



1. Plug the charging cable into either USB output port.



2. Connect the cable to your device.

3. Press the power button to start charging a phone, tablet or other device.

Troubleshooting

LED display warnings

High-temperature protection: The red warning icon flashes when the unit overheats. Wait for it to cool before continuing.

Low-temperature protection: The blue warning icon flashes when the product is too cold; the screen activates low-temperature protection.

Troubleshooting

Smart battery clamp errors

Low battery: LC red light on. Battery charge is low; recharge the product.

Reverse connection: RC red light on. Clamps are reversed; correct their connections.

High temperature: HT red light on. The unit is overheated; let it cool before charging or discharging.

Troubleshooting

Other errors

Inflator automatic power-off: Power cuts off during inflation. The unit may be overheated. Check the rear temperature near the fan port, where the sensor is. Let it cool after reaching a high temperature.

Short circuit: Blue light does not turn green. If green does not activate and the vehicle cannot start, a short circuit may have occurred from misoperation. Remove all loads and retry. Ensure the clamps are on the correct battery terminals: red to positive (POS, P, +), black to negative (NEG, N, -).

Troubleshooting

Other errors

Cable defect: Light does not come on. The cable may be loose, damaged in use or otherwise affected. Check battery level and recharge if needed, or contact customer support.

Product defect: Light does not come on. Parts may be loose, damaged in use or otherwise affected. Check battery level and recharge if needed, or contact customer support.

Battery defect: Charging LEDs do not come on or blink abnormally. The charger, charging cable, battery cells or other factors may be responsible. Check battery connections or contact customer support.

Warranty Card

Model number

Serial number

Dealer's name

Customer's name

Customer's email

Date of purchase

RMA number

Keep your receipt to verify your warranty.

12-Month Warranty

The product is warranted against defects in materials and workmanship for 12 months from purchase. For defects reported during this period, the supplier may, at its discretion and following technical support analysis, repair or replace the defective product. Replacement parts/ products may be new or serviceably used, with comparable function and performance, and are covered for the remainder of the original warranty period.

12-Month Warranty

Liability is expressly limited to replacement or repair. To the fullest extent permitted by law, no liability is accepted to the purchaser or any third party for special, indirect, consequential or exemplary damages, including lost profits, property damage or personal injury related to the product, however caused, even if the possibility was known. These warranties replace all other express, implied, statutory or other warranties, including merchantability, fitness for a particular purpose and warranties arising from dealings, usage or trade practice. Where applicable law imposes warranties, conditions or obligations that cannot be excluded or modified, this limitation applies to the greatest extent allowed by that law.

12-Month Warranty

This warranty benefits only the original purchaser buying from the supplier or an approved reseller/distributor and cannot be assigned or transferred. To claim: (1) obtain an RMA number and return location from supplier support; (2) send the product with the RMA number, warranty card and receipt, or a warranty fee of 40% of the defective product's MSRP if no receipt is provided. The applicable fee will be stated with the RMA. Do not send a product before obtaining an RMA from support.

The original purchaser must prepay all packaging and transport costs for warranty service.

12-Month Warranty

The warranty is void for products that: (a) are misused, mishandled, abused, handled carelessly, involved in accidents, improperly stored, or subjected to voltage, temperature, shock or vibration beyond safe-use recommendations; (b) are improperly installed, operated or maintained; (c) are modified without express written consent; (d) are disassembled, altered or repaired by an unauthorized person; or (e) have defects reported after the warranty period.

The warranty does not cover normal wear, cosmetic damage that does not affect function, or products with a missing, altered or defaced serial number.

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Designed in the USA

Made in China