DONGGUAN FEITE OUTDOOR PRODUCTS CO., LTD.
NO. 16, LIANTANG ROAD, XINMENLOU, DONGKENG TOWN, DONGGUAN CITY, GUANGDONG PROVINCE

Sample Descriptions	:	BICYCLE HELMET
Style No.(s)	:	E-MISSION
Item No.(s)	:	BH36
Country of Origin	:	CHINA
Client reference information	:	SIZE: M(55-59CM), L(59-61CM)
Supplier	:	SHENZHEN TU TENG SPORTING GOODS CO., LTD
Manufacturer	:	SHENZHEN TU TENG SPORTING GOODS CO., LTD
Size	:	M 55cm-59cm, L 59cm-61cm

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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HPI (from basic plane)	:	55cm-59cm: 48mm For EN960 575 59cm-61cm: 50mm For EN960 605
Sample Receiving Date	:	May 28, 2025
Test Performing Date	:	May 28, 2025 to Jun 12, 2025
Test Performed	:	EN 1078:2012+A1:2012
Test Result(s)	:	For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Scan to see the report

GZHL250602494101HM
Verification:
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Robert Zhao
Authorized Signatory

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Test Conducted: Based on **EN 1078:2012+A1:2012**
Helmets for pedal cyclists and for users of skateboards and roller skates

Number of Tested Sample: 8 piece(s)

Test Results: Details shown as following table

Clause	Test Method/Requirement	Result
4.1	**Materials** For those parts of the helmet coming into contact with the skin, the material used should be known not to undergo appreciable alteration from contact with sweat or with substances likely to be found in toiletries. Materials shall not be used which are known to cause skin disorders.	NT
4.2	**Construction** The helmet normally consists of a means of absorbing impact energy and means of retaining the helmet on the head in an accident. The helmet should be durable and withstand handling. The helmet shall be so designed and shaped that parts of it (visor, rivets, ventilators, edges, fastening device and the like) are not likely to injure the user in normal use. ***NOTE:*** *Helmets should:* *have low weight;* *be ventilating;* *be easy to put on and take off;* *be usable with spectacles;* *not significantly interfere with the ability of the user to hear traffic noise.*	Pass See annex 1
4.3	**Field of vision** When tested in accordance with 5.7 there shall be no occultation in the field of vision bounded by angles as follows (see Figure 1): - horizontally: min. 105° from the longitudinal vertical median plane to the left and right hand sides; - upwards: min. 25° from the reference plane; - downwards: min. 45° from the basic plane.	Pass See annex 4
4.4	**Shock absorbing capacity** The helmet shall give protection to the forehead, rear, sides, temples and crown of the head. When tested in accordance with 5.3 and 5.4 the peak acceleration shall not, for each impact, exceed 250 *g* for the velocity of 5,42 +0.1,-0 m/s on the flat anvil, and 4,57+0.1,-0 m/s on the kerbstone anvil. ***NOTE:*** *These are theoretically equivalent to 1 497 mm and 1 064 mm drop heights respectively.*	Pass See annex 2
4.5	**Durability** After being tested the helmet shall not exhibit damage that could cause significant injury to the wearer (sharp edges, points).	Pass

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Clause	Test Method/Requirement	Result
4.6	**Retention system**	
4.6.1	**General** Means shall be provided for retaining the helmet on the wearer's head. All parts of the retention system shall be securely attached to the helmet.	Pass
4.6.2	**Chin strap** The chin strap shall not include a chin cup. Any chin strap shall be no less than 15 mm wide. Chin straps may be fitted with means of enhancing comfort for the wearer.	Pass
4.6.3	**Fastening device** Any retention system shall be fitted with a device to adjust and maintain tension in the system. The device shall be capable of adjustment so that the buckle does not sit on the jaw bone.	Pass
4.6.4	**Color** No part of the retention system shall be colored green. ***NOTE**: It is recommended that the opening mechanism be marked with red or orange color.*	Pass
4.6.5	**Strength** When tested in accordance with 5.5, the dynamic extension of the retention system shall not exceed 35 mm and the residual extension shall not exceed 25 mm. For this purpose, extension includes slippage of the fastening device. Damage to the retention system shall be accepted provided that the above requirements are met. ***NOTE**:* In this test, slippage of the fastening device can be measured and recorded separately from other contributions to the extension but this is for information only and is not subject to a separate requirement.	Pass See annex 3
4.6.6	**Effectiveness** When tested in accordance with 5.6 the helmet shall not come off the headform.	Pass
4.6.7	**Ease of release** Following the strength test in accordance with 5.5 and with the load still applied, it shall be possible to open the release system with one hand.	Pass
5.2	**Inspection and determination of mass** Inspect the helmet to ascertain whether it is suitable for its intended purpose and fulfils the general requirements in 4.2. Determine the mass of the helmets of the same size submitted for testing. Calculate and record the mean value in g rounded off to the nearest 10 g, stating the size of the helmet.	Pass See annex 1
6	**Marking**	
	Each helmet shall be marked in such a way that the following information is easily legible by the user and is likely to remain legible throughout the life of the helmet:	Pass

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Clause	Test Method/Requirement	Result
	a. the number of this European standard;	Pass
	b. the name or trademark of the manufacturer;	Pass
	c. the designation of the model;	Pass
	d. the designation, which shall be one or more of the following:-helmet for pedal cyclists, skateboarders or roller skaters;	Pass
	e. the size or size range of the helmet, quoted as the circumference (in centimeters) of the head which the helmet is intended to fit;	Pass
	f. the weight of the helmet (the average mass in g determined according to EN 1078,5.2);	Pass
	g. year and quarter of manufacture;	Pass
	h. a label carrying the instructions –"Warning! This helmet should not be used by children while climbing or doing other activities when there is a risk of strangulation/hanging if the child gets trapped with the helmet"	Pass
	In addition, if the helmet has components made of material which are known to be adversely affected by contact with hydrocarbons, cleaning fluids, paints, transfers or other extraneous additions, the helmet shall carry an appropriate warning.	Pass
	If there is a consumer sales packaging, the information specified in a), b), d), and h) shall also be given on that package. The text shall be of minimum font size 12.	NT
7	**Information supplied by the manufacture**	
	With every helmet clear information in the language of the country of sale shall be given as follows:	Pass
	a. that the helmet can only protect if it fits well and that the buyer should try different sizes and choose the size which feels secure and comfortable on the head;	Pass
	b. that the helmet should be adjusted to fit the user, e.g. the straps positioned so that they do not cover the ears, the buckle positioned away from the jawbone and the straps and buckle adjusted to be both comfortable and firm;	Pass
	c. how the helmet should be positioned on the head to ensure the intended protection is provide (e.g. that it should be placed so as to protect the forehead and not be pushed too for over the back of the head); to protect the forehead and not be pushed too for over the back of the head);	Pass
	d. that a helmet cannot always protect against injury;	Pass
	e. that a helmet subjected to a severe impact should be discarded and destroyed;	Pass
	f. a statement of the danger of modifying or removing any of the original component parts of the helmet other than as recommended by the manufacturer, and that	Pass

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Clause	Test Method/Requirement	Result
	helmets should not be adapted for the purpose of fitting accessories in a way not recommended by the manufacturer.	

Remark:

1. NA = Not applicable.
2. NT = Not tested as per client's request.
3. This test report is issued based on the modification of the original No. GZHL250502078101HM test report issued on Jun 12, 2025. And the original report is still valid. According to the customer's requirements, following changes are included:
   a. Change the name of the customer.
   b. Change the address of the customer.

Item No: BH36 **Size: 55-59 cm** **Test headform: 575 (EN 960:2006)**

Annex-1: Mass

Mass of the samples:

Sample No.	Mass (g)
1	414
2	418
3	416
4	414
Average	420

Annex-2: Impact energy attenuation test

Test Specification: EN 1078:2012+A1:2012-5.4

Ambient temperature at time of test: 22.0 °C

Sample No.	Condition	Test Anvil	Test site	Velocity (m/s)	Peak'G	Result
1	High temperature No recondition (Clause 5.4.2.1)	Kerbstone	Front	4.65	112.1	Pass
		Flat	Left	5.45	175.0	Pass
2	Low temperature No recondition (Clause 5.4.2.2)	Flat	Crown	5.46	183.1	Pass
		Kerbstone	Rear	4.67	102.1	Pass
3	Artificial Ageing No recondition (Clause 5.4.2.3)	Kerbstone	Crown	4.62	114.1	Pass
		Flat	Rear	5.52	182.4	Pass

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Annex-3: Retention system strength
Test Specification: EN 1078:2012+A1:2012-5.5
Ambient temperature at time of test: 22.0 °C

Sample No.	Condition	Dynamic extension (mm)	Residual extension (mm)	Result
2	Low temperature No recondition (Clause 5.4.2.2)	18.3	6.2	Pass
3	Artificial Ageing No recondition (Clause 5.4.2.3)	17.6	5.7	Pass

Annex-4: Field of vision
Test Specification: EN 1078:2012+A1:2012-5.7
Horizontal: >105°
Upward: >25°
Downward: >45°

Item No: BH36 **Size: 59-61 cm** **Test headform: 605 (EN 960:2006)**

Annex-1: Mass
Mass of the samples:

Sample No.	Mass (g)
1	444
2	441
3	440
4	439
Average	440

Annex-2: Impact energy attenuation test
Test Specification: EN 1078:2012+A1:2012-5.4
Ambient temperature at time of test: 22.0 °C

Sample No.	Condition	Test Anvil	Test site	Velocity (m/s)	Peak'G	Result
1	High temperature No recondition (Clause 5.4.2.1)	Kerbstone	Front	4.59	123.5	Pass
		Flat	Left	5.45	178.7	Pass
2	Low temperature No recondition (Clause 5.4.2.2)	Flat	Crown	5.46	170.4	Pass
		Kerbstone	Rear	4.64	90.0	Pass

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3	Artificial Ageing No recondition (Clause 5.4.2.3)	Kerbstone	Crown	4.61	105.4	Pass
		Flat	Rear	5.52	156.2	Pass

Annex-3: Retention system strength

Test Specification: EN 1078:2012+A1:2012-5.5

Ambient temperature at time of test: 22.0 °C

Sample No.	Condition	Dynamic extension (mm)	Residual extension (mm)	Result
2	Low temperature No recondition (Clause 5.4.2.2)	19.1	6.6	Pass
3	Artificial Ageing No recondition (Clause 5.4.2.3)	18.3	5.7	Pass

Annex-4: Field of vision

Test Specification: EN 1078:2012+A1:2012-5.7

Horizontal: >105°

Upward: >25°

Downward: >45°

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Sample Photo(s):

Front view		

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Side view		
Back view		

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Top view		
Bottom view		

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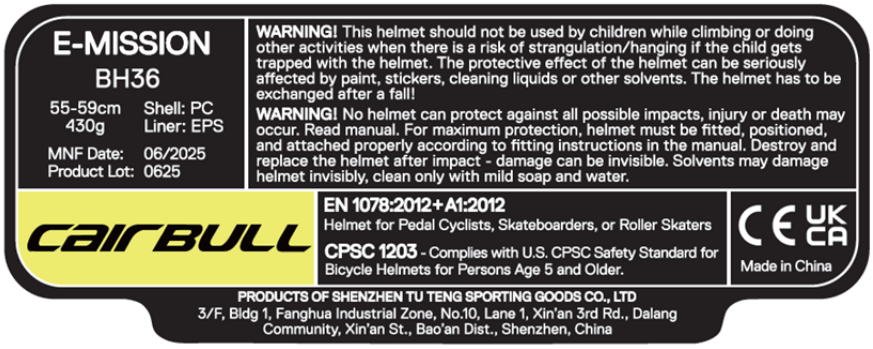
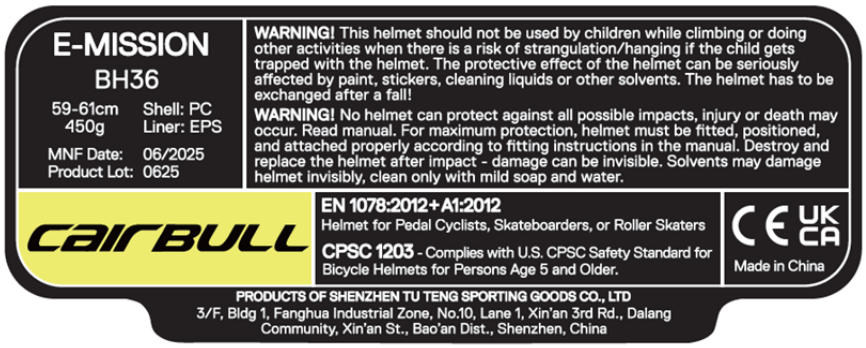
Label	
Label	

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Instruction

ENGLISH

CAIRBULL HELMET OWNER'S MANUAL

ABOUT THE LIMITS OF YOUR HELMET

Your helmet will not protect against injury in all types of accidents. Even while wearing a helmet, low speed accidents may result in serious head injury or death.

Helmet will provide partial or complete protection. Studies have shown that you are better off with a helmet than without one.

A bicycle helmet does not protect what it doesn't cover, and as noted it may not protect what it does cover. A bicycle helmet will not protect against injuries to the spine, neck, or face.

WARNING: No protective headgear can protect the helmet wearer against all possible impacts, and serious injury or death could occur while wearing this helmet.

CAIRBULL recommends that you choose a helmet which provides the most coverage, as a helmet that covers more of your head may provide additional protection. Always wear your bicycle helmet low in the front to protect the forehead, as this area is most likely to be impacted in a bicycle crash. Make sure the helmet fits snugly and is tightly fastened at all times.

Any helmet subjected to impact should be destroyed and discarded, even though damage may not be outwardly visible.

Do not modify or remove any original part of the helmet. Do not use heat damaged helmets. Heat damaged helmets will appear to have uneven or have bubbly surfaces.

ABOUT YOUR HELMET AND THIS MANUAL

Your helmet is intended to reduce the harmful effects of a blow to the head. To do its job, this helmet must fit properly, be worn properly, and be properly fastened.

This manual contains important safety, fit, adjustment, and care information. Read it before you take your first ride, and keep it for reference. If you are a parent or guardian and this helmet is for your child, please take the time to read this manual as you should make sure your child understands everything herein.

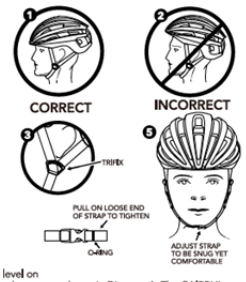
ABOUT THE WARNINGS: This manual and the stickers inside your helmet contain many instructions and warnings about your helmet. It is important for you to understand everything communicated in them before your first ride. If you do not, please contact your authorized CAIRBULL retailer with any questions you may have. Also, failure to follow any of the provided instructions or warnings could void your warranty, and, most importantly, could result in severe personal injury or death. Because of this, we will not repeat this in regard to each warning or instruction.

WARNING: In the event of any impact or blow, do not use this helmet. There may be damage invisible to you, which may reduce the ability of the helmet to reduce the harmful effects of a blow to the head. Such a helmet should be returned to CAIRBULL for inspection, or destroyed and replaced.

WEARING THE CAIRBULL HELMET

THE PROPER FIT

All CAIRBULL helmets are available in a wide range of styles and sizes designed to fit most anyone. Of course head size is independent of how old you are so select a helmet that fits you snugly without being uncomfortably tight.



WARNING: For maximum protection, this helmet must be fitted and attached properly to the wearer's head in accordance with the following instructions. If after adjustment the helmet does not fit properly, do not use the helmet.Return it to the retailer or CAIRBULL.

HOW TO FIT THIS HELMET

For proper use, the helmet must sit level on the head and low on the forehead in the manner shown in Diagram 1. The CAIRBUL helmet uses a simple, quick-release buckle retention system that, once adjusted, can be buckled and unbuckled without changing the adjustment. For proper use, the straps must be snugly and evenly tensioned.

To properly fit your helmet:

A) Diagram 1 shows the helmet low on the forehead, which is how to properly position the helmet on the head. Diagram 2 shows the helmet high on the forehead, which is an improper position for the helmet.

All fitting and adjustment instructions must be made with the helmet in the proper position. Failure to do so will result in a poor fit, which could allow the helmet to move out of position or come off in an accident.

B) The TriFix is a simple, intuitive webbing management system that makes fitting a helmet a quick process. Position the TriFix centered, just below your ears as shown in Diagram 3.

C) To do its job, you need to properly position the helmet low on your forehead and position the buckle under the chin, back against the throat. The straps should fit comfortably around both ears.

D) With the TriFix in the proper position as shown in Diagram 3, it is now time to adjust the strap tension at the buckle. Adjust the strap tension so the strap is snug yet comfortabie (as shown in Diagram 5) by pulling the strap end through the buckle to either tighten or loosen as needed. Use the "O-Ring"to secure any excess strap as

Instruction

shown in Diagram 4. Always wear the helmet with the chin strap buckle fastened, and the strap pulled tight, and positioned back against the throat.

Here is a good test for determining if you have properly fit your helmet:

With the strap buckled and the helmet positioned as shown in Diagram 1 and 5, you should feel the chin strap pull firmly against your chin as you open your mouth. When properly adjusted the helmet will wrap around your head and cradle it with firm, but comfortable pressure.

E) Your CAIRBULL helmet is equipped with an adjustable fit system which helps stabilize the helmet in the correct position when you ride. When properly adjusted, turn the fit system knob clockwise to tighten or counter clockwise to loosen. See Diagram 6.



CHECK THE HELMET FIT AND ADJUSTMENTS

Fit System Check: With the fit system knob turned clockwise until comfortably snug and the chin strap buckled and snug under the chin and back against the throat, grab the helmet with both hands and twist the helmet to the right and left. If the helmet fits correctly the skin on the forehead will move as the helmet moves. If it does not, tighten the fit system dial clockwise. You should also tighten the chin strap. Check the fit again. If you cannot achieve the proper fit do not use this helmet. Replace it with a different size or model until the correct fit is achieved.

Chin Strap Check: With the fit system knob turned clockwise until comfortably snug and the chin strap buckled and snug under the chin and back against the throat, grab the helmet with both hands and try to remove it by rolling the helmet onward and backward as far as you can. This is an important test to ensure that the helmet fits correctly. When you do this, for a proper fit you should feel the strap pull against the underside of your chin and the helmet resist any movement. If this isn't the case tighten the chin strap and try it again until this happens. Also, for a proper Chin Strap Check, if you can roll the helmet forward such that it blocks your vision or if you can roll the helmet rearward such that your forehead is not covered, the helmet doesn't fit correctly. Try tightening the chin strap and repeat the test until this does not happen. If you cannot achieve the proper fit, do not use this helmet. Replace it with a different size or model until the correct fit is achieved.

WARNING: For maximum protection this helmet must be fitted and attached properly to the wearer's head in accordance with these instructions.

WARNING: Always make sure the buckle is properly fastened before you ride. Failure to follow this instruction could result in serious personal injury, as the helmet may not stay in position while riding or during a fall. For proper use, make sure the loose end of the strap is tucked through the rubber "O"ring.

WARNING: Check for proper fit and adjustment often, including each time you wear it, and periodically during use. If the helmet doesn't pass the Fit System Check and the Chin Strap Check, do not use the helmet.

WARNING: Do not wear anything underneath your helmet, such as a cap, hood, bundled hair, headphones, barrettes, as the helmet may loosen or come off. Do not wear anyone else's helmet and don't loan your helmet to anyone else.

CLEANING YOUR CAIRBULL HELMET

Use only water, mild soap and non-abrasive cloth to clean the helmet's shell, pads and retention system.

WARNING: This helmet can be damaged by contact with common substances (for example, certain solvents (ammonia), cleaners (bleach), paints, abrasives) and this damage may not be visible to the wearer. Do not use this helmet if it has been exposed to such substances.

WARNING: Do not take risks just because you are wearing a helmet.

WARNING: This helmet has been designed for recreational bicycling.This helmet has not been approved and is not intended for extreme uses such as downhill racing at high speeds, jumping or leaping with a fully suspended bicycle, snow sports, water sports, motor sports, street hockey, playground activities, or other activities where face, ear, or greater protection or coverage is desired.
For United States Consumers, this helmet has been tested and certified to meet and exceed the Bicycle Safety Standard for Bicycle Helmets, 16 CFR 1203. A copy of this regulation can be obtained by visiting CPSC. gov.

WARNING: A bicycle helmet is for bicycling only! Always wear a helmet when bicycling. When you get off your bicycle, remove your helmet. Do not wear a helmet while climbing trees, in play areas, on playground equipment, or, at any time while not riding a bicycle.
Parents: Instruct children to follow this warning. Failure to follow this warning could result in serious personal injury, death or death by strangulation.

The shell of this helmet is constructed of expanded polymer foam. Ventilation holes may allow harmful objects to pass in the helmet interior.

WARNING: Do not attach anything to your helmet, including mirrors or lights.

High temperatures (above 110°F, 43°C) may melt the helmet's shell. Do not store your helmet in your car or anywhere else near a heat source. Do not use if the shell has been melted or deformed.

The protective capability of your helmet will diminish over time, dependent upon many factors such as dents, dings, and exposure to pollution, harmful chemicals, and long term exposure to the sun. The Snell Memorial Foundation recommends that helmets be replaced after five years.

Note: The useful life of your helmet may be less than five years as a result of exposure to sunlight, rough handling/storage that results in dents or cuts or as a result of heavy use.

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch 广州分公司 检验检测专用章 Inspection & Testing Services

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Instruction	**CAIRBULL NO-FAULT HELMET CRASH POLICY** For helmets purchased outside the China, please contact the Authorized Dealer or Distributor in your local market. For helmets purchased within the China, please contact your CAIRBULL Dealer. Visit www.cairbull.com for the latest information. **ONE YEAR LIMITED WARRANTY** The following information pertains to helmets purchased within the China only. For warranty information outside the China, please contact the authorized CAIRBULL or distributor in your local market. CAIRBULL warrants to the Original Purchaser of this product that the product is free from defects of material and workmanship under normal use and service for a period of one (1) year from the date of the original purchase. If within one (1) year from the date of the original purchase, this product is found to be defective in materia or workmanship under normal use or service, CAIRBULL. will, at its sole option, repair or replace the product without charge, provide that the Original Purchaser returns the product to an Authorized Dealer indicating the specific reasons for returning the product and proof of date of purchase.CAIRBULL does not warranty any helmet damaged by heat. HIS WARRANTY DOES NOT APPLY TO, AND IS VOID AS TO, EFFECTS OR PHYSICAL DAMAGE RESULTING FROM ABUSE, NEGLECT, IMPROPER REPAIR, IMPROPER FIT, ALTERATIONS, MODIFICATIONS, OR USE CONTRARY TO THAT INTENDED BY THE MANUFACTURER. CAIRBULL DISCLAIMS ALL WARRANTIES EXCEPT THE WARRANTY SET FORTH IN THIS SECTION, AND EXPRESSLY DISCLAIMS THE WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE AND MERCHANTABILITY. CAIRBULL SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM ANY BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ON THIS PRODUCT. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND ALL OTHER REMEDIES GUARANTEES OR LIABILITIES ARISING BY LAW OR OTHERWISE. No person or representative is authorized to assume any liability on behalf of CAIRBULL in connection with the sale of this product. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitation or exclusion 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. CAIRBULL, and all other marks and logos appearing on this product and packaging are trademarks or registered trademarks of SHENZHEN TU TENG SPORTING GOODS CO., LTD. COPYRIGHT © SHENZHEN TU TENG SPORTING GOODS CO., LTD

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