

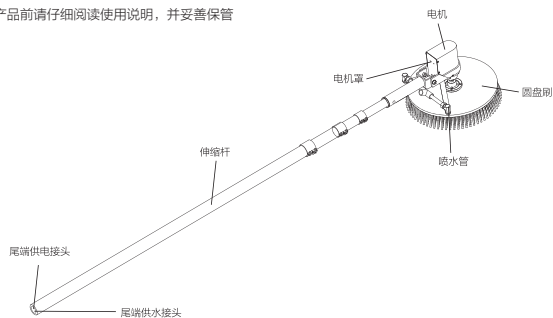


## 产品参数

工作电压：24V	清洗类型：干洗/水洗	最大出水量：20L/min
电机功率：150W	清洗宽度：34CM	锂电池版本续航时间：5-6H
圆盘转速：360R/MIN	刷毛材料：防静电刷毛	锂电池充电时长：4-6H

## 产品组件

使用产品前请仔细阅读使用说明，并妥善保管

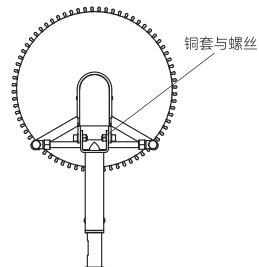


## 产品安装方法

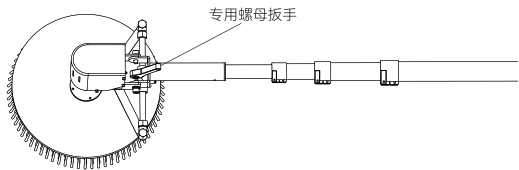
1. 将机头以及伸缩杆从包装中拿出，按照下图摆放后，连接设备的供电线以及供水管。



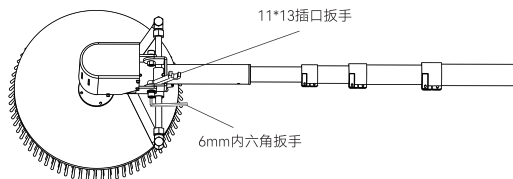
2. 连接完成后，将机头上的螺丝与铜套取下，然后将伸缩杆与机头的安装孔位对齐后插入铜套与螺丝。



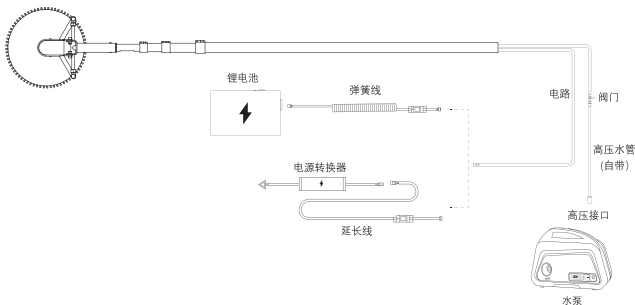
3.从安装工具袋中取出专用的螺母扳手（黑色），将防松螺母卡入扳手后，如图将螺母与螺丝连接到一起。



4.然后从工具袋取出11\*13插口扳手以及6mm内六角扳手，将螺丝螺母完全拧紧，完成机头安装。



5.将供电系统与供水系统与设备连接即可使用设备进行清洗。



## 盘刷拆卸/更换盘刷方法



1. 将用插口扳手插入扳手槽，圆盘逆时针拧下，与机头分离。



2. 使用内六角扳手，将法兰联轴器与尼龙圆盘分离开，此时可更换新的/其他类型的圆盘。

## 产品使用技巧

- 水洗：水泵压力不可超过4mpa，承受压力范围内，水量越大，清洗效率越高
- 我们提供多样化的水泵供水方案，可联系客服选配
- 抽水管长度、电池续航、伸缩杆长度均可定制，请联系客服

## 产品介绍

- RHINO700-EH1 手持式单圆盘光伏清洗刷是追求极致轻巧与灵活操作用户的理想之选。它继承了RHINO700 系列的可靠基因，同样配备可自由伸缩调节杆（1.9 米至 7.5 米），轻松应对屋顶、地面等不同高度与角度的光伏面板清洁需求。
- EH1 的核心优势在于其轻量化设计：相较于双圆盘型号，体积更小、重量显著减轻、这使得操作更加轻便省力、灵活自如、尤其擅长在空间有限或布局复杂的电站中灵活穿梭，清洁覆盖范围更广。虽然其单圆盘设计意味着绝对清洁效率略低于双圆盘型号，但其轻巧特性使其成为个人用户、小型分布式光伏电站或进行精细化、补充性清洁任务的绝佳选择。
- 功能上 EH1 毫不妥协：支持连接水源进行强力水洗（配合专用清洁剂效果更佳，可对顽固污渍），同时具备高效的干洗能力，采用高品质刷头有效清除浮尘。此外它同样提供 24V 锂电池和市电两种供电方式，用户可根据作业场景自由选择，实现无绳移动或持续供电作业。
- RHINO700-EH1 以轻巧之躯、集便捷伸缩、水电双模式、双供电选择于一身，专为注重灵活操控与小面积高效清洁的用户提供可靠、省力的光伏面板维护解决方案。

## 注意事项与警告

- 锂电池、充电器、电源线不防水，请勿浸泡、喷溅
- 避免长时间在高温下工作，工作环境温度不高于 40℃
- 长时间收纳设备时，请勿将带水刷头或水管放入箱体密封
- 请务必在专业人员指导下维护维修服务

## 保修政策

青岛灵之石智能科技有限公司检测确定故障后，中国大陆内自签收之日起 7 日内可享受退货服务（不影响二次销售）；30 天内质量问题可换货服务；12 个月内可享受免费维修服务（不包含刷头的自然磨损、工具包、赠品）。

须知：如果您所在国家有灵之石的代理商，您可以享受全面的免费维修服务；如果您所在的国家没有代理商，您仍然可以享受免费维修，但您需要承担维修所产生的国际运费。

## 产品保修说明

RHINO700-EH1 光伏清洗刷产品售后服务严格依据《中华人民共和国消费者权益保护法》、《中华人民共和国产品质量法》实行售后三包服务。

## 非保修条例

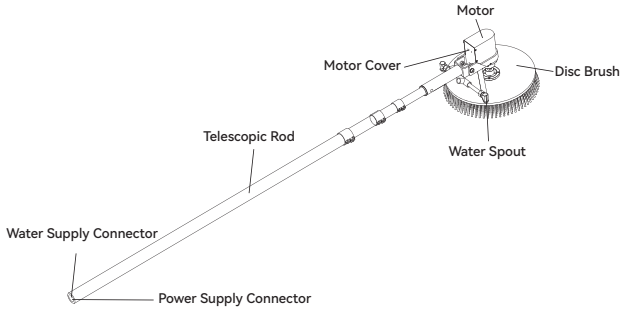
- 未经过授权的维修、误操作、误碰、疏忽、滥用、进液体、事故、改装等；以及不正确的使用非本产品配件或者损毁标签
- 已经超出国家规定三包有效期
- 因人为原因导致本产品及配件产生故障
- 因不可抗力造成的损失

## Product Parameters

Working voltage: 24v	Cleaning type: dry cleaning/water washing	Maximum water output: 20l/min
Motor power: 150w	Cleaning width: 34cm	Battery life per full charge: 5h-6h (for Lithium battery version)
Brush rotating speed: 360r/min	Brush material: anti-static bristles	Charging time: 4-6H
Maximum water output: 20l/min		

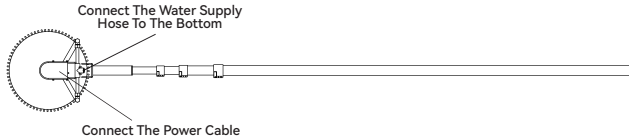
## Product Components

Please carefully read the instruction before using the product and keep it properly.

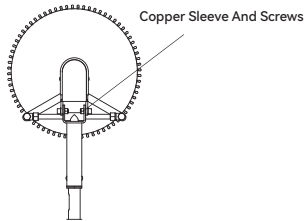


## Product Installation Method

1.Remove the machine head and telescopic rod from the packaging ,place them as shown in the figure below, then connect the equipment's power cable and water supply hose.

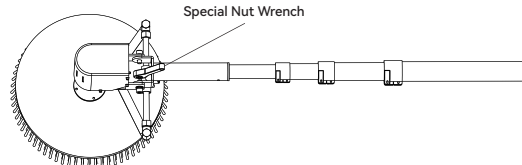


2.Once connected, remove the screw and copper sleeve from the machine head, align the mounting hole on the telescopic rod with the corresponding hole on the machine head, then insert the copper sleeve and screw.

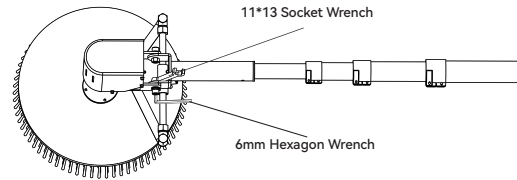


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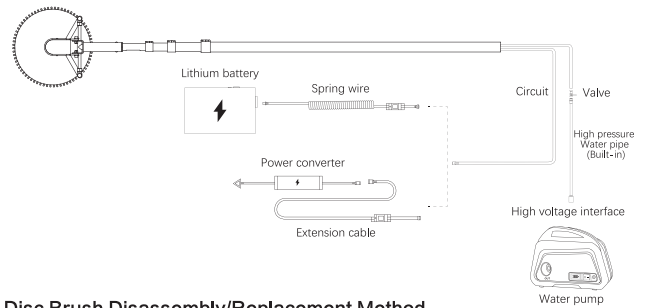
3.Remove the dedicated nut wrench (black) from the installation tool bag, engage the anti-loosening nut with the wrench, then connect the nut to the screw as shown in the figure.



4.Then take the 11x13 socket wrench and the 6mm hexagon wrench from the tool bag, and fully tighten the screw and nut to complete the installation of the machine head.



5.Simplely connect the power supply system and water supply system to the device and you can use the device for cleaning.



## Disc Brush Disassembly/Replacement Method



1. Insert the socket wrench into the wrench slot, unscrew the disc counterclockwise, and separate it from the head unit.



2. Use an Allen wrench to separate the flange coupling from the nylon disc, and then replace it with a new/other type of disc brush.

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## Product Usage Tips

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- Wet cleaning: The pressure of the water pump should not exceed 4mpa. Within the pressure range, the larger the water volume, the higher the cleaning efficiency;
- We offer a variety of water pump supply solutions, which can be selected by contacting customer service;
- The length of the water pipe, battery life, and telescopic rod can all be customized. Please contact customer service.

## Product Introduction

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- The RHINO700-EH1 handheld Single Disc Solar Cleaning Brush is the ideal choice for users who pursue ultimate lightness and flexible operation. It inherits the reliable genes of the RHINO700 series and is also equipped with freely adjustable rods (1.9 meters to 7.5 meters), making it easy to meet the cleaning needs of solar panels at different heights and angles such as roofs and floors.
- The core advantage of EH1 lies in its lightweight design: compared to the double disc model, it has a smaller volume and significantly reduced weight, making operation more lightweight, labor-saving, flexible, and especially adept at flexible shuttle in power plants with limited space or complex layouts, with a wider cleaning coverage. Although its single disc design means slightly lower absolute cleaning efficiency than the double disc model, its lightweight nature makes it an excellent choice for individual users, small distributed solar power plants, or for fine and supplementary cleaning tasks.
- In terms of functionality, EH1 is uncompromising: it supports strong wet cleaning by connecting to a water source (with a special cleaning agent, it can deal with stubborn stains for better results), and also has efficient dry cleaning capabilities, using high-quality brush heads to effectively remove floating dust. In addition, it also provides two power supply methods: 24V lithium battery and mains power. Users can freely choose according to their work scenarios to achieve cordless mobility or continuous power supply operations.
- RHINO700-EH1, with its lightweight body, convenient scalability, water and electricity dual-mode, and dual power supply options, is designed to provide reliable and labor-saving solar panel maintenance solutions for users who value flexible operation and efficient cleaning of small areas.

## Precautions And Warnings

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- Lithium batteries, chargers, and power cables are not waterproof, please do not soak or splash them;
- Avoid working in high temperatures for extended periods of time, and ensure that the working environment temperature does not exceed 40 °C;
- When storing equipment for a long time, do not put the brush head or water pipe into the box for sealing if they are not totally dried;
- Please be sure to maintain and repair the product under the guidance of professional personnel.

## Warranty Policy

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After Qingdao Rhino Stone Intelligent Technology Co., Ltd. detects and determines the fault, it can enjoy a return service within 7 days from the date of signing in in Chinese Mainland (without affecting the secondary sales); an exchange service for quality issues within 30 days; and a free repair service is available within 12 months (excluding natural wear and tear of brush heads, tool kits, and gifts).

Notice: If there are agents of Rhino Stone in your country, you can enjoy comprehensive free warranty services; If there are no agents in your country, you can still enjoy free repairs, but you need to bear the international shipping costs incurred by the repairs.

## Product Warranty Statement

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The after-sales service of RHINO700-EH1 Solar Cleaning Brush strictly follows the "Consumer Rights Protection Law of the People's Republic of China" and the "Product Quality Law of the People's Republic of China" to implement the after-sales three-guarantee service. The service content is as follows.

## Non Warranty Regulations

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- Unauthorized maintenance, misoperation, accidental touching, negligence, abuse, liquid ingress, accidents, modifications, etc; And incorrect use of products and accessories or tearing of labels;
- The validity period of the three-guarantee service has exceeded the national regulations;
- Malfunctions of this product and its accessories due to human factors;
- Losses caused by force majeure.