

让绿色的世界更加清洁

Keeping your panels as bright as the sun



Add : #1003 No.498 Xinglinwan Road,Jimei District,Xiamen,China

Tel : +86-592-7208868

Fax : +86-592-7208768

C21

Operation Service Manual

Solar Cleaning Machine

光伏电站专用清洁刷

Contents

- 01 Product Description
- 02 Product Parts Drawing
- 03 Product Packing List
- 04 Product Instructions
- 05 Product Installation
- 06 Product Parameters
- 07 Product Safety Instructions
- 08 After Sales Service
- 09 Product Certification

» » » » » Enter



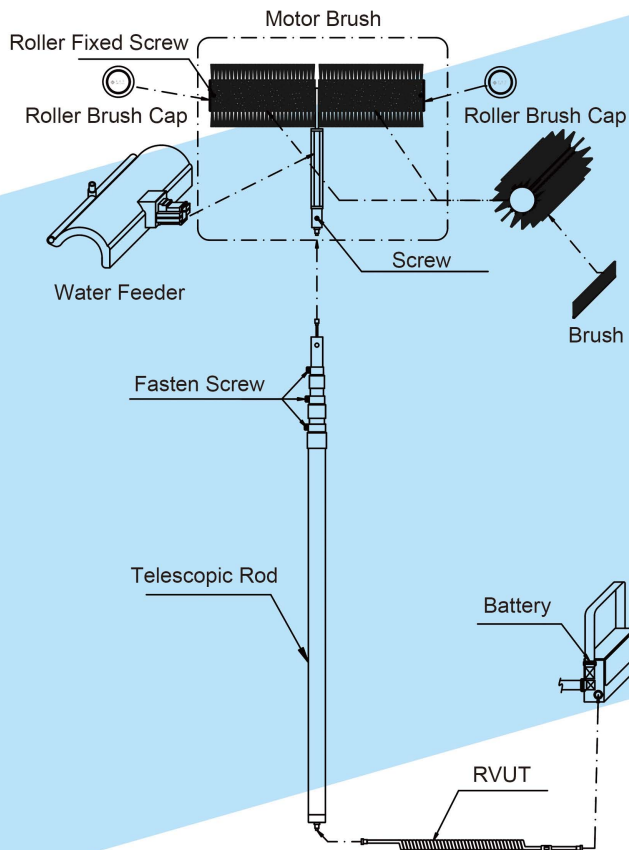
Product Description

C21 Solar cleaning machine, which is designed and made for the special environment of photovoltaic power station. It is suitable for barren mountain power station, distributed power station and farming photovoltaic power station within 10 meters where the big solar panel cleaning system can't get into.

Features

The product has the advantages of low cost, easy using and high efficiency of daily cleaning 0.5MW~0.8MW. Besides, there are 2 cleaning methods options, water and dry cleaning, which provide user with a one-stop solution for photovoltaic power station cleaning.

Product Parts Drawing



Product Packing List

NO	Parts	Size/mm	Qty	GW/kg	Remark
1	Motor Brush	570×400×150	1 set	4.2	Width includes connector
2	Brush	280×35	32 pcs	1	
3	Water Feeder	590×250×110	1 set	0.9	Water pipes need to be provided by user
4	Roller Brush Cap	φ80	2 pcs	0.1	
5	Battery	240×110×90	1 pcs	4.1	20Ah
6	Battery Backpack	275×120×180	1 pcs	0.25	
7	RVUT	1200	1 pcs	0.7	Flexible up to 6m
8	Adapter	215×110×65	1 pcs	0.5	220V/110V
9	Tool Kit	285×130	1 set	0.1	
10	Telescopic Rod	L3600	1 set	1.6	Single set contains about 14kg of packaging
		L5400	1 set	2.4	Single set contains about 15kg of packaging
		L7200	1 set	3.5	Single set contains about 16kg of packaging

※ There is only one telescopic rod in a complete set of equipment, and the length of the telescopic rod is equipped according to user requirements.

※ The water feeder can be optionally equipped according to the actual use of the user.

※ The water pipe needs to be provided by the user (10mm diameter), and the length of the water pipe is determined according to the actual use.

※ Packed in carton with size L2030*W420*H170mm.

Product Instructions

1.Brush:Insert the brush into the aluminum roller,fix the roller cap to prevent brush falling while machining running.

2.Water feeder:Put the water feeder above the roller,fix the screw to connect.

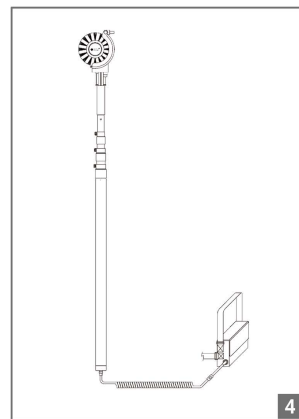
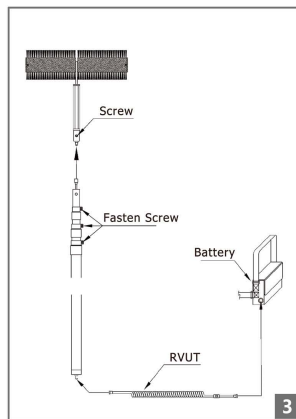
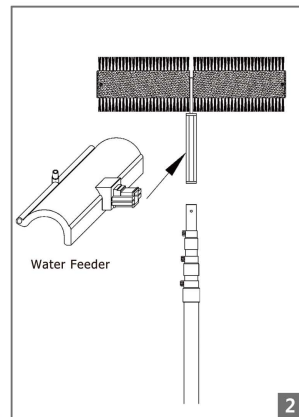
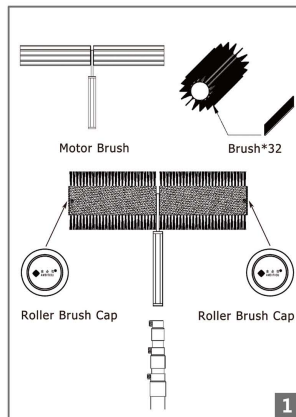
3.Telescopic rod:Connect the roller brush with the connector which is on the top of telescopic rod then fix the screw to fasten the rod and roller brush.

4.RVUT and battery connecting:Connect battery with the part of RVUT which is near the switch , connect the other part of RVUT with the bottom of the rod.Trun on the switch to check the roller is running well or not.

5.Working preparation:Put the battery into the backpack.Ad-just the length of telescopic rod according to the factual require-ments(pay attention to the tightness).

6.Water cleaning mode:There's a water pipe connector in the front of water feeder(diameter 10mm).Please connect the connector directly when using water cleaning mode.The water pressure should be around 0.1~0.3Mpa.

Product Installation



Product Parameters

Parameter Item	Technical Parameters	Remarks
Operating Mode	Electric	
Power Voltage	24V	
Charging Voltage	220V	Can be adjusted to 110V
Motor Power	200W	
Battery Capacity	20Ah	
Ldling Current	7-8A	
Ldling Speed	500-600rpm	
Life Time	3-4H	Affected by work environment and season
Telescopic Rod Length	1800mm per section	Length optional 3.6m / 5.4m / 7.2m
Daily Work Efficiency	0.5-0.8MW	Affected by the work environment and personal operations
Range of Working Temperature	-30-60°C	

Product Safety Instructions

1. It is necessary to check whether the connection between the RVUT and Battery is tight before using.

2. Turn the machine power off when are not use. Don't put sundries on battery, and the battery need stored in the dry and ventilated place.

3. Battery charging can not be placed in a flammable and explosive environment, its charging time can not exceed 2 times the battery life time.

4. Don't use machine in presence of flammable and explosive materials.

5. When brushes are stored, do not let them deform under pressure.

6. Trun the machine system power off while checking machine.

7. The seller will be not responsible for any damage caused by using the product not in accordance with the instruction manual.

※All rights reserved by the manufacturer. The above-mentioned product parameters are subject to actual product data.

After Sales Service

1. The company solemnly promises that the warranty period for the products you use is 180 days, and the warranty period is calculated from the date of shipment. Please fill in the warranty card in time, and keep the relevant shopping vouchers and warranty cards.

2. One of the following conditions does not enjoy after-sales warranty service:

- 1) Exceeding the product quality warranty period.
- 2) No product warranty card and valid shopping vouchers or contracts.
- 3) The content on the product warranty card does not match the product or has been altered.
- 4) Quality problems such as product damage caused by failure to use, operation and maintain according to the requirements of the manual.
- 5) Damage caused by self-disassembly, combination, add on attachment.
- 6) Bad due to natural disasters and irresistible forces.
- 7) Exceeding the scope of use.
- 8) There are special agreements or special instructions when purchasing.

3. After-sales service phone: +86-592-7208868

Product Certification

Product Name : Solar Cleaning Machine

Product Number : C21

Product Specifications : _____

Inspectors : _____

Date Of Shipment : _____

This product has passed the inspection and is allowed to leave the factory.