

Innovating  
the future of solar

**G3**

## Fully Automatic Photovoltaic Cleaning Robot

It is very suitable for large power station maintenance, especially for large power generation in deserts, cities and high pollution areas.



## G3 Product Information

### Cost Reduction:

Lower Labor Costs: Automatic cleaning robots operate independently, reducing the need for human labor.  
Reduced Maintenance Expenses: Regular cleaning by robots extends solar panel lifespan, minimizing damage and maintenance costs.

### Safety Enhancement:

Lower Risks: Robots perform cleaning tasks in unmanned conditions, eliminating the safety hazards associated with manual cleaning at heights.

### Intelligent Management:

Smart Operation: Equipped with advanced sensors and software, our robots offer remote monitoring, real-time feedback, and efficient management.  
Automatic Scheduling: Intelligent systems schedule cleaning based on environmental conditions for optimal performance.

### Eco-Friendly:

Water and Energy Efficiency: The robots optimize resource usage, minimizing water and energy consumption.

Item	G3-1	G3-2
Options	Cleaning Robot	Cleaning Robot
Machine Length	2300*450*420(Customizable)	4600*450*420(Customizable)
Cleaning Distance	1800-2000m	1800-2000m
Motor	200W	200W
Battery	24V/20Ah	24V/20Ah
Panel Power	80W	80W
Brush	Non-dust flexible material PA610	Non-dust flexible material PA610
Obstacle Crossing Angle	≤ 22°	≤ 22°
Environment Temperature	(-30°C~70°C)	(-30°C~70°C)
Walking Speed	12m/min	12m/min
Cleaning Mode	Dry cleaning	Dry cleaning
Control Mode	Internet Remote Control + Manual Control	Internet Remote Control + Manual Control
Level of Protection	IP65	IP65
Working Hour	2.5H	2.5H