BIIX
SMART & GREEN SOLUTIONS

Innovating
the future of solar

G4

Fully Automatic Photovoltaic Cleaning Robot

The cleaning distance is longer and can be cleaned across multiple rows.

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G4 Product Information

Improved Efficiency and Cost Savings: The G4 builds on the G3's strengths with enhanced cleaning capabilities, allowing it to clean across rows and reach greater distances. This boosts solar panel efficiency and energy output while reducing labor and maintenance costs, thus extending panel lifespan.

Enhanced Safety: The G4 robot eliminates safety risks from high-altitude cleaning. It efficiently cleans in unmanned environments, ensuring personnel safety and reducing accident risks.

Smart Management and Eco-Friendliness: Equipped with advanced sensors and intelligent software, the G4 supports remote monitoring and automated scheduling for better management. Its eco-friendly design optimizes water and energy use, promoting sustainability while effectively maintaining solar panels with cross-row cleaning.

Item	G4-1		G4-2	
Options	Cleaning Robot	Ferry Vehicle	Cleaning Robot	Ferry Vehicle
Ferry vehicle Dimensions(mm)	3900		4600	
Cleaning Distance	1800-2000m		1800-2000m	
Motor	200W	200W	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℃~70℃)		(-30℃~70℃)	
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	