

ROBORISER

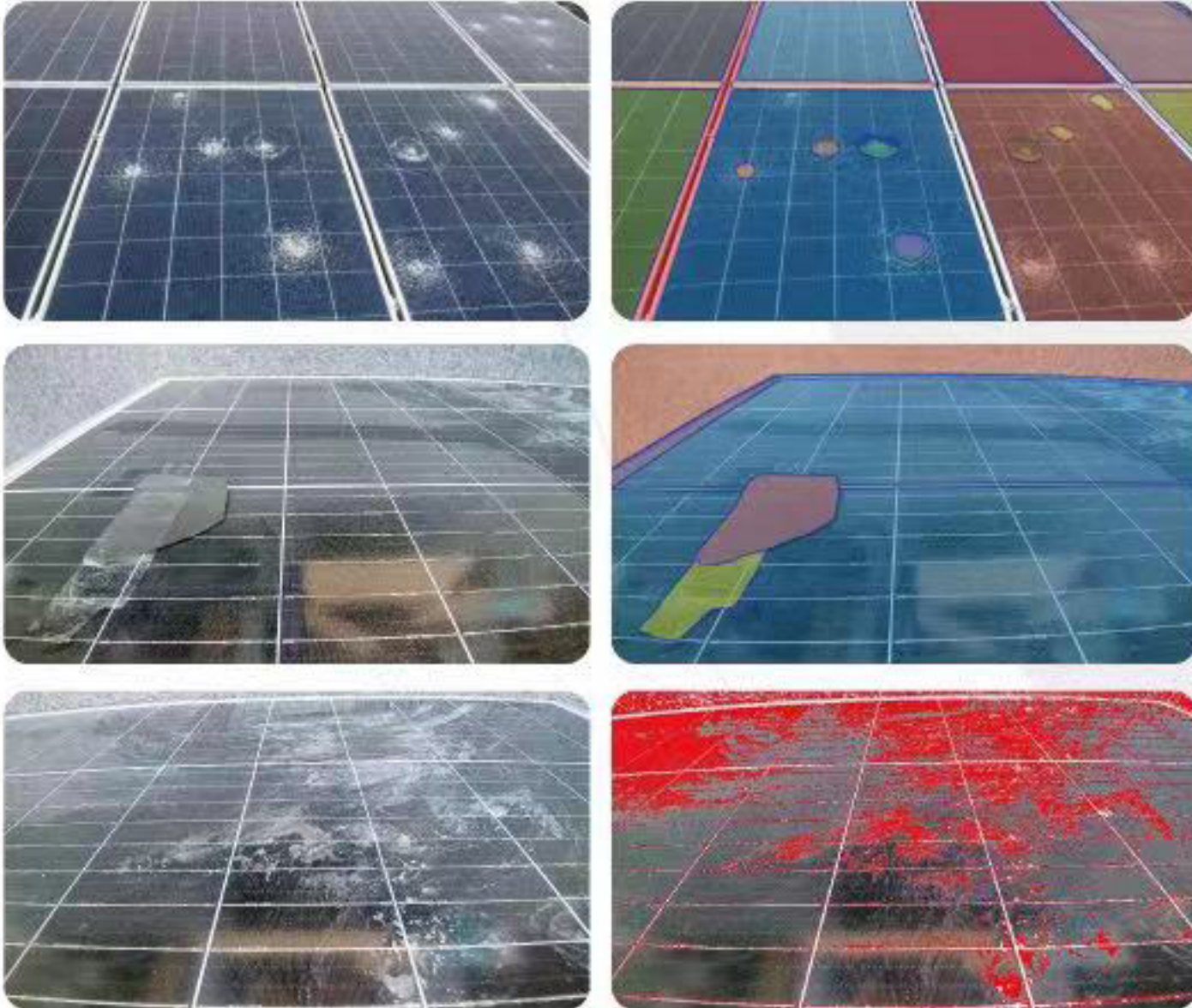
Lingguang G1

Solar panel automatic cleaning robot

PREPONDERANCES

• Visual inspection system

Intelligent visual recognition (recognition types: dust, damage, paths, obstacles, borders)



• Lightweight design

The use of aluminum alloy, self-developed profiles and other lightweight materials, reasonable structural design, so that the fuselage lighter, higher strength.

• Ultra-high compatibility

The machine has dual-axis adaptive rotation, detection and correction functions, which can adapt to complex scenes.

• Automatic monitoring system for rainfall and snow

The automatic rainfall and snow monitoring system is a system that monitors changes in real time through sensors of rainfall and snow, sends data to the data center through collection and transmission, and processes and analyzes the data.

PARAMETERS

Version: Lingguang G1
Size: 4950*430*310mm (The Length can be customized)
Weight: 50KG
Working slope: 0~45°
Overcome obstacles: 5cm
Speed of travel: 16m/min
Cleaning efficiency: 4000 m² /h
Fixed mode: guide pulley
Time of endurance: 2.5H/one battery
Rated power: 550W
Mode of travel: Electric machine+Road wheel



• Product background display



Operating ambient temperature: -20°C ~ 60°C
Power supply: Self-powered of Solar +Built-in battery (48V 30AH)
Water supply mode: Connect water pipes(matching)
Cleaning material: Nylon roller brush
Control mode: Mobile phone APP / Web
Power-off protection: Low battery reminder
Application scenario: Centralized solar panel power station
Water consumption: Dry cleaning and water washing
Waterproofing grade: IP65
Cleaning components: Yes, roller brush
Camera: Yes

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