

ST-3

Solar Panel Cleaning Machine

The ST-3 single head solar panel cleaning machine has a brush disc with an outlet, which can be connected to a water source to achieve efficient cleaning by spraying water for brushing; Compared to dual head solar panel cleaning machines, this photovoltaic cleaning machine has the advantages of being lighter, more flexible, and lighter in weight. If it is a small area or short distance photovoltaic power station, this photovoltaic cleaning machine can be considered.

ST-3



Easy-control



Retractable



Waterproof



Durable

ST-3



KEY FEATURES

1

Auto-angle brush, no deviation

Auto-angle brush adapts to solar panels, ensuring full contact and even pressure for stable, easy control.

3

Waterproof design, washable in rain

For outdoor durability, the entire unit is waterproof. It features export-grade waterproof connectors, a brushless waterproof motor, and a sealed one-piece design to prevent water damage, rust, and short circuits—ensuring reliable operation even in rain.

2

Freely adjustable length (max 7.5m)

Telescopic pole with quick-lock system (3.5m/5.5m/7.5m options) for effortless cleaning from ground to distant solar arrays (up to 4 rows). Custom lengths available.

4

Pure copper brushless motor — Extra durability

Brushless motor lasts 10,000+ hours (vs brushed motors), with superior dust/water resistance.

Tech note:

Brushless uses electronic commutation (no carbon brushes), offering higher efficiency, compact size, and longer life at higher cost.

