

Teranova · Supplier profile

MULTIFIT

A dirty panel loses up to two thirds of its output. A robot brings it back

Chinese maker of robots and brushes for solar panel cleaning; own plant, national high-tech enterprise status

About the company

BeiJing Multifit Electrical Technology Co., Ltd. manufactures cleaning equipment for solar panels. Headquarters in Beijing, plant in Shantou (Guangdong), branches in Shenzhen and Sichuan. The company holds national high-tech enterprise status and trades under the MULTIFIT name.

The problem this equipment solves is measured in money. Dust, bird droppings and rust particles cut a panel's output to 20–36% of nominal; after cleaning, efficiency returns to 90–95% and falls again if maintenance stops. Beyond lost output, soiling is physically dangerous: a shaded section overheats, hot spots form, the panel degrades and can burn out. Cleaning is therefore not cosmetic — it extends the life of the plant.

The range splits in two. Robots: the MR-G series for single and double panel rows, the MR-T1 and MR-T2 series, and the MR-AR transport trolley that moves a robot between rows. MULR brushes — from hand models to a water-driven version — cover the places where a robot is overkill. For every model the company provides a performance calculation: cleaning area per hour, daily rate, and the time needed for an array of a given size.

National high-tech enterprise; headquarters in Beijing, own plant in Shantou

MR-G, MR-T1 and MR-T2 robots plus the MR-AR trolley for moving between rows

MULR brush range, including a water-driven model

Soiling cuts panel output to 20–36%; after cleaning efficiency returns to 90–95%

Each model comes with a calculation: m² per hour, daily rate, and time for a given array

Product lines

MR-G — robots for panel rows

The core series, in single-row and double-row versions. Travel speed around 12 m/min; throughput and daily rate are calculated for the specific array.

MR-T1 / MR-T2

Robot series for other plant configurations, differing in working width and operating mode; chosen by the geometry of the array.

MR-AR — transport trolley

Carries a robot between panel rows and removes the manual repositioning step. Needed where rows are many and set apart.

MULR — cleaning brushes

A brush range from hand models to a water-driven version. The answer for spots where a robot is excessive or cannot reach.

Capabilities and manufacturing

Own manufacturing

Plant in Shantou, Guangdong; headquarters in Beijing, branches in Shenzhen and Sichuan. National high-tech enterprise status.

Calculation for the specific plant

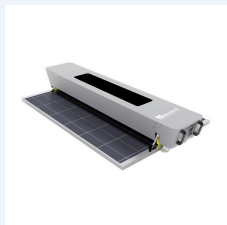
The company does not quote specifications in the abstract but throughput on the customer's array: area per hour, daily rate, full cleaning cycle time.

Test reports and certificates

The company's materials include test reports and certificates; the exact list is provided on request at the deal stage.

Product catalog

MULTIFIT makes robots and brushes for solar panel cleaning: equipment for power plants and the companies that service them.



MR-G1

Gen 1



MR-G2

Gen 2



MR-G3

Gen 3



MR-G-D Double Brush



MR-T1

brush 1 m



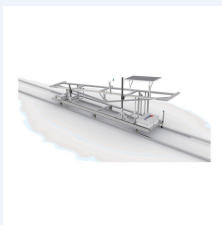
MR-T1 AUT

brush 1 m

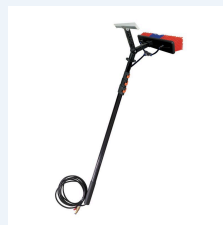


MR-XY

array up to 10 m



MR-AR Transfer Vehicle



MULR-A Scraper Brush

rod 3.5-7.5 m



MULR-B Single-Head



MULR-C Double-Head

Gen 1



MULR-C Pro Double-Head

Gen 2

Export and markets

The company exports and provides full quotations per model. Delivery on EXW or FOB terms; logistics, customs and support of the deal are coordinated by Teranova. A demo unit for testing is discussed separately.

Certifications and registrations

- ISO 9001
- ISO 14001
- ISO 45001
- CE

Product formats

- Solar panel cleaning robots
- Transport trolleys for moving between rows
- Brushes for manual and semi-automatic cleaning
- Spare parts and consumables
- Demo units for testing

Terms of cooperation

Ways of working

Equipment supply; model selection for the plant configuration; spare parts and consumables

Delivery terms

EXW or FOB; logistics and customs coordinated by Teranova

Documents

Business licence, qualifications brochure, test reports — provided by the company

Materials

Robot and brush catalogues and per-model quotations received from the manufacturer in June 2026

Prices and terms are indicative and are finalized at the deal stage via Teranova. The supplier's direct contacts are not published.

Interested in this supplier?

Get in touch — Teranova arranges negotiations, due diligence and deal support from first contact to delivery.

Teranova Group · info@teranovagroup.com · teranovagroup.com