

RUTH

Agriculture systems & Chemicals LTD

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Maximum energy from sun



TAMIR

Automatic Washing System for Solar Panels

Benefits:

- ✓ Completely automatic
- ✓ Does not harm the solar panels
- ✓ Washing takes place when the panels are inactive
- ✓ Robust and very reliable
- ✓ Uniform washing of all the panels
- ✓ Very economical water use
- ✓ User friendly, easy to operate
- ✓ No maintenance requirements
- ✓ Washes more than 98% of the panel surfaces
- ✓ Compatible with most panel types and installation formats



Company profile

Over 30 years of experience in marketing and exporting control systems for water infrastructure and flowing infrastructure, management, and construction of projects in Israel and abroad.

Washing data

- ✓ About 1.5 l/m² of water per panel
- ✓ Water pressure on sprinkler 3.5–4 Bar
- ✓ Using water softener to avoid deposit calcium and magnesium on panel
- ✓ Water hardness – maximum 10 PPM
- ✓ Daily washing or by operator decision

Operation and Control System

- ✓ 24/7 real-time operation and control
- ✓ Each row of panels is washed individually
- ✓ Individual operation schedules for each row of panels
- ✓ Daily analysis, monitoring and Failure analysis

AUTOMATIC WASHING SYSTEM - SCHEMATIC VIEW

