Robotics Startup
RESET

Reset Company strives to enable reliable power production and perform unmanned maintenance of solar panels for owners around the world. We aim to become a company specializing in energy and robot technologies that can provide a high-efficiency energy maintenance service to energy construction businesses.

Headquarters 916, Biz-bldg, 124, Sagimakgol-ro, Jungwon-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

Seoul Branch 215, 70, Haneul-gil, Ganseo-gu, Seoul, Republic of Korea

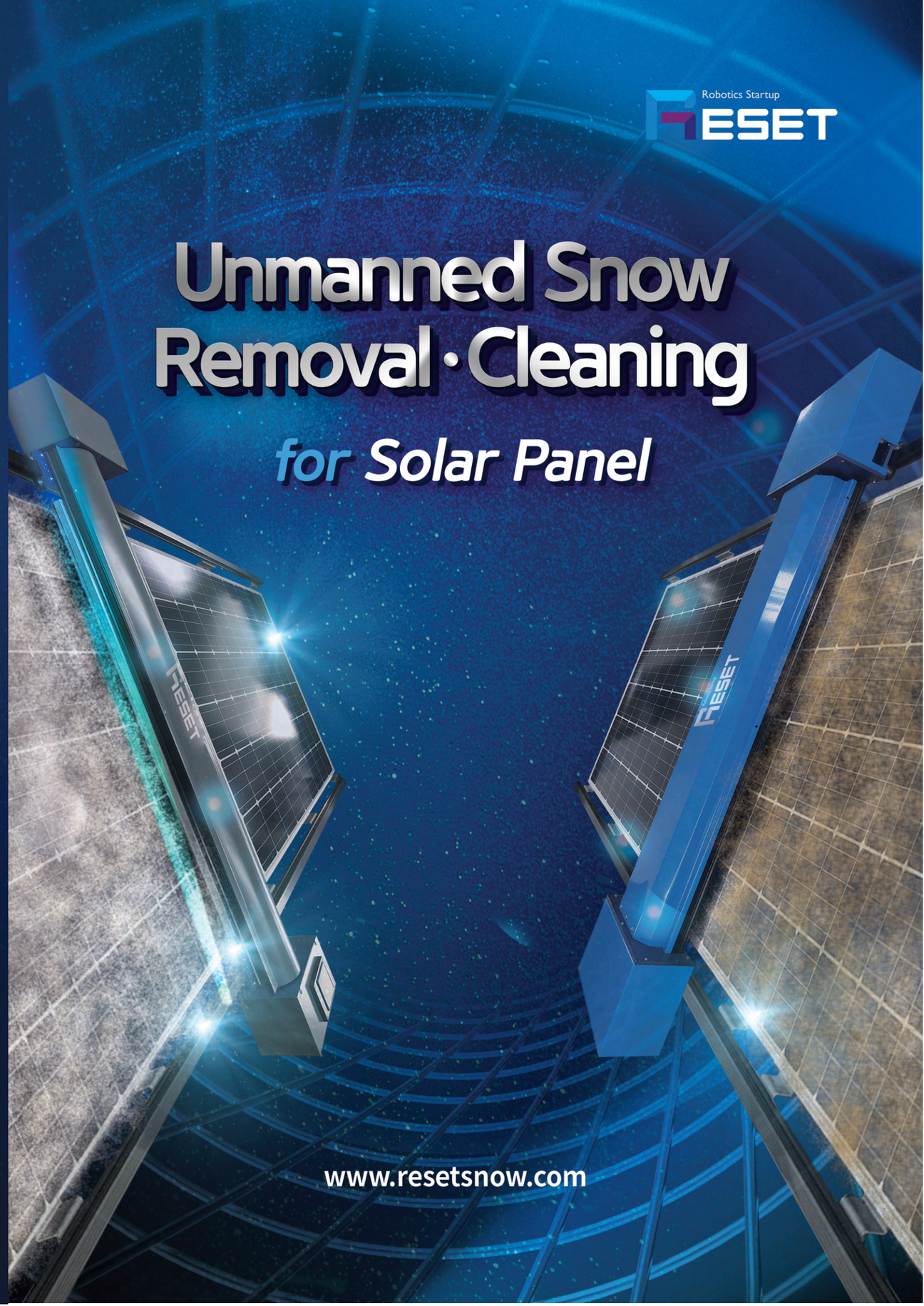
E-Mail sales@resetsnow.com

Product Instruction Video

Robotics Startup
RESET

Unmanned Snow Removal·Cleaning

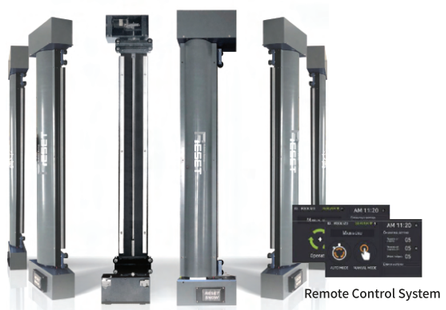
for Solar Panel



www.resetsnow.com

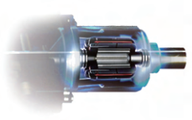
Snow Removal Robot

Specifications



Remote Control System

WEIGHT	Main unit : 42kg(4m standard), Rail : 1kg/m		
POWER CONSUMPTION	200W	OPERATING ENVIRONMENT	-30 ~ 60 °C
CLEANING SPEED	13m/min	NOISE	60 dBA
BATTERY	Lithium polymer, 22.2V	MOTOR SPECIFICATION	DC 24V
RATED VOLTAGE	100~240V, 50~60Hz	DRIVEWAY	Weather sensor, timer

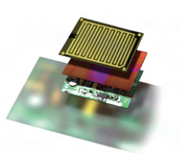


1 High Performance Wiper Motor

Powerful DC motor that can remove heavy snow and solidified dirt stains effectively.

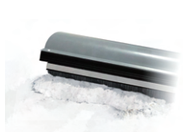
2 Power Charging Docking System

The maximum capacity 20A charger in the docking system enables fast, efficient charging and ensures safe operations on queue.



3 Real-time Snow, Rain Detection Sensor

Real-time detection of snow and rain that enables robots to achieve optimum panel cleaning using natural precipitation.

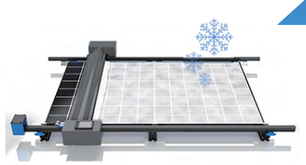


4 High Performance Specialized Brushes

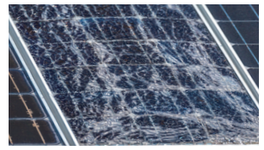
Two types of snow removal brushes designed to withstand various environmental conditions without deforming or needing to be replaced.

Performance

Increased Revenue from Snow Removal



Prevention of Snow Induced Module Damage



Before & After

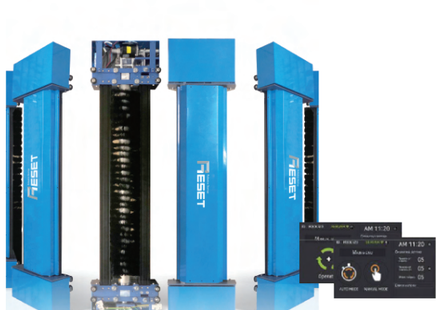
Before Product Installation

After Product Installation

Cleaning Robot

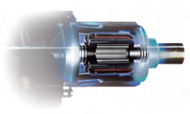
RESET CLEANING

Specifications



Remote Control System

WEIGHT	Main unit : 58kg(4m standard), Rail : 약 1kg/m		
POWER CONSUMPTION	200W	OPERATING ENVIRONMENT	-30 ~ 60 °C
CLEANING SPEED	11m/min	NOISE	70 dBA
BATTERY	Lithium polymer, 22.2V	MOTOR SPECIFICATION	DC 24V
RATED VOLTAGE	100~240V, 50~60Hz	DRIVEWAY	Weather sensor, timer



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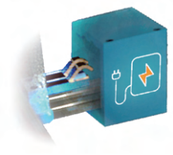

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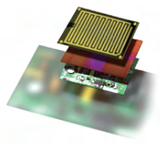

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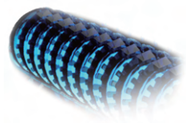
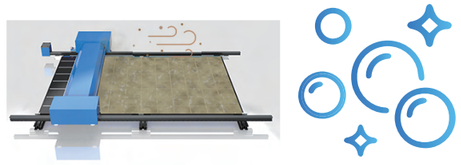


4 Dual Brush Cleaning

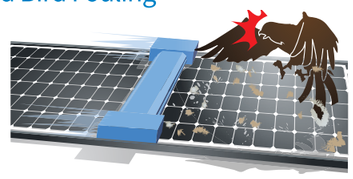
A proprietary cleaning method using a rotating roll brush paired with a sweeping strip brush removes contaminants on solar panels more effectively.

Performance

Maintained Panel Cleanliness via Removal of Contaminants



Protection against Algae and Bird Fouling



Before & After

Before Product Installation

After Product Installation

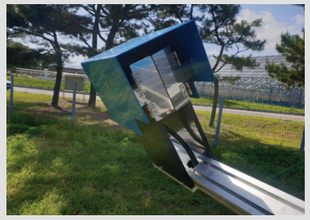
Installation Process

1. Bracket Installation

2. Rail Installation

3. Robot Installation and Mounting

4. Control Box Installation

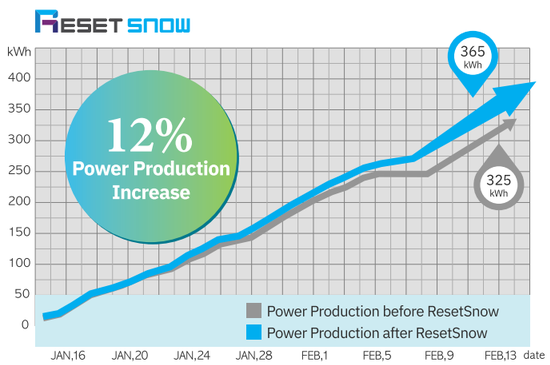


5. Charging Station Installation

6. Installation Completion and Test Run

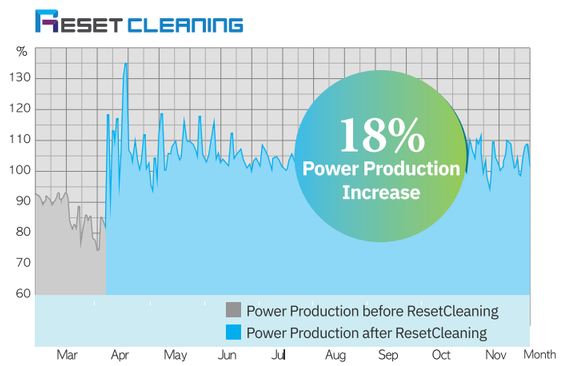
Case Studies

Effects of ResetSnow in Hokkaido, Japan



[Hokkaido Obihiro Commercial Solar Installation]

Effects of ResetCleaning in Seoul, Korea



[Seoul World Cup Stadium Commercial Solar Installation]

Installation Portfolio

Robotics Startup RESET

KOEN

Korea South-East Power Company
Solar Power Plant, South Korea

Incheon International Airport
Solar Power Plant, South Korea

National Institute of
Livestock Science, South Korea

KAC

Korea Airports Corporation - Gimhae
International Airport, South Korea

KAC

Korea Airports Corporation - Gimpo
International Airport, South Korea

East-Sea Fishery
Management Group, South Korea

Gyeongsangbuk-do
Provincial Government, South Korea

Incheon Environment
Corporation, South Korea

Keit

Korea Industrial Technology Evaluation
and Management Institute, South Korea

Buyeo County Office, South Korea

Korea Labor
Welfare Corporation, South Korea

Gwangju Metropolitan City
Corporation, South Korea

Solar Power Plant in Aomori, Japan

Solar Power Plant in Kagoshima, Japan