

D+ Solar Power House

Solar-Powered Bio-toilet “Yasuragi”

The toilet operates without the need for a commercial power supply, water, or sewage, and is designed to be virtually odorless.



Pleasant toilet

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clean

The hygienic bacteria make this toilet virtually odorless.

eco

The circulation recycling method generates little wastewater, conserving water resources.

cost

Eliminate electricity fees with the solar power system. Cost reduction

CO₂

The solar energy generation and energy storage systems reduce CO₂ emissions.

free

This bio-toilet can be installed at locations such as parking lots, beaches, plazas, parks, and mountainous regions.

quick

The toilet can be used immediately in an emergency, such as an earthquake.

SUSTAINABLE DEVELOPMENT GOALS

Daiwatech commits to actively contributing to the achievement of SDGs by promoting products that utilize clean natural energy.



SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

D+Daiwatech

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■ Simply place it on the ground! Enhance the construction site environment with this ecological and clean system.

- The ecological pleasant toilet, also known as the continuous flow circulation type toilet, is a self-treatment flush toilet that can be transported by a 4-ton crane truck and installed in locations without water and sewage systems. (River water can be used for the water.)
- This environmentally friendly toilet system is powered by energy generated and stored through a solar power system, making it suitable for installation in areas without access to commercial power.
- The ecological pleasant toilet uses bacteria to effectively break down ammonia and organic matter, which produce odors. This significantly reduces odor production and prevents unpleasant smells in the toilet room.
- The toilet discharges no wastewater, as the washing water is reused.
- With a continuous flow of water, it also masks any embarrassing sounds.

■ Equipment

- Air conditioner and ventilator
- Outside light and indoor light
- LED sign panel
- Inner lock and blindfold plate
- Coat hook
- Automatic hand wash basin with mirror



- A standard toilet kit for use with the pleasant toilet is included with delivery.
- Toilet usage capacity
The toilet can accommodate approx. 30 to 50 uses per day. This allows for about five people during winter and ten people in summer.
*The usage capacity will be affected by conditions such as temperature.

■ House specifications / Electrical specifications

Construction	Angular steel tubes, lightweight structural steel	Maximum solar panel output	1.6 kW
Outer dimensions	2,300(W)×3600(D)×2800(H) (including solar panels)	Average expected daily power generation	Approx. 4.3 kWh (summer)/approx. 2.5 kWh (winter)
Surface area	7.36 m²	* The detailed specifications of the product are subject to change. Contact the Daiwatech Sales Department for more information.	
Weight	1.84 t (including solar panels, excluding water)		
Equipment	Air conditioner, automatic hand wash basin with mirror, LED lighting, ventilator, breaker, coat hook, sanitary bin (only women's toilet), LED sign panel, double lock, 24-hour constant water washing		

■ Installation examples

