

D+ Solar Power House

Portable Solar Power House

Ideal for rest areas and offices at rolling construction sites.



- Install on a 2-ton-wide truck for convenient use.
- Relocate the house as the construction site progresses.
- Suitable as an on-site office or as a rest area to prevent heat stroke.



3days

These houses can be powered for three days under normal conditions, even without sunlight.

eco

The use of natural energy reduces CO2 emissions.

useful

The house is useful during disasters as no commercial power or generator is required.

wave

Using the same waveforms as power companies ensures the reliable operation of personal computers.

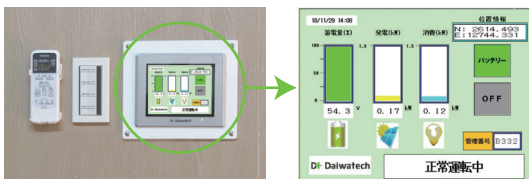
size

6.6 m² size

cost

Reduce costs and construction time since no electrical work is needed.

Safe and quick, simple house—no electrical work is needed, so start using right after installation.



Display unit (LCD screen)

The display unit features a 5.7-inch color LCD screen. It shows messages when the remaining battery capacity drops to 20% and 5%, respectively. All power supplies can be turned off to conserve electricity. The display indicates the power storage amount (%), power generation (kW), and power consumption (kW).

Internet environment



The screen display can be viewed from an external personal computer.

Access the Internet via a LAN cable.



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

<https://www.dt-daiwatech.com/>

Daiwatech CO., LTD.

Headquarters: Tokyo, Nagoya

3-43, Ohnogi, Nishi-ku, Nagoya 4520803,
Japan

TEL: +81-3-6435-8963



Features

■ Mobile portable solar power house

The portable solar power house is a compact 6.6 m² house that can be installed on a 2-ton-wide truck, making it easy to move and use as needed.



Access the Internet, utilizing the advantages of the house's solar-powered system.

- Even if a power source cannot be secured because the commercial power supply is cut off in an emergency or disaster, the devices that configure each system of the solar power house are supplied power from the solar-powered system's storage battery, preventing the system from stopping. (Each system continues operating without stopping.)
- The solar power house's ability to supply power even in a disaster allows Internet access.



Monitor the battery voltage, power generation, and power consumption to ensure smooth operation of the house.

- Centralized management and monitoring of measurement data via the Internet enables the understanding and operation of multiple solar power houses located in various areas.
- The power consumption in the house, the battery level, operation state, and power generation can be remotely monitored.
- The GPS function enables precise identification of the installation location.

* The service carrier guarantees the quality of the Internet line, so there may be instances during disasters when the service is unavailable.
The communication bandwidth may increase, and the expected quality may not be achieved depending on the camera's recording quality (resolution, frame rate).

House specifications (6.6 m² size)

Construction	Angular steel tubes, lightweight structural steel	Maximum solar panel output	1.6 kW
Outer dimensions	3,800(W)×1,800(D)×2,680(H) (including solar panels)	Average expected daily power generation	Approx. 4.3 kWh (summer)/approx. 2.5 kWh (winter)
Surface area	6.84 m ²	* The detailed specifications of the product are subject to change. Contact the Daiwatech Sales Department for more information.	
Weight	1.5 t (including solar panels)		
Equipment	Air conditioner, LED lighting, ventilator, ventilation port, breaker, wall outlet, rolling curtain or louvers, LED sign panel, modular jack for LAN connection, Wi-Fi supported		

