

Better power generation efficiency: 30% increase from stationary type systems.

A Sun-tracking solar power system

Feature

- The system, equipped with an efficient power conditioner and control system, improves power generation efficiency by about 30%.
- Comprehensive and integrated offering of a concentrating solar energy control system.
- The system has already made results in large-scale solar farms.



A Sun-tracking solar power system example

Overview

(Technical principles, actions, etc.)

The system controls solar panels set in a tree shape that adjusts to solar incidence angles for the most efficient and appropriate power generation. The solar power generation system, which comprises programmable logic controllers (PLCs) and servomotors, generates power and convert the solar power from DC to AC through a high energy conversion efficient power conditioner.



A Sun-tracking solar power system

Applicable field
Solar power generation system (industrial use)

Water

Energy saving/Energy recovery

Energy storage/Energy creation

New energy

Waste disposal/
Recycling/
Resource saving

Air

Soil

Other

Omron Corporation Power Electronics Division 2-2-1 Nishikusatsu, Kusatsu, Shiga 525-0035, Japan

● TEL / +81-77-565-5160 ● FAX / +81-77-565-5569 ● E-Mail / kenichi_inoue@omron.co.jp ● <http://www.omron.co.jp/>

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