MERHEIN

Technical Datasheet

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Solar Thermal Energy Collector for Fresnel Systems

This solar thermal energy collector is designed for Fresnel systems, converting solar energy into thermal energy and then into electrical energy. It offers lower investment and operating costs, a longer system lifespan, and easier maintenance.

Product Overview

Solar Thermal Energy Collector for Fresnel Systems

This high-efficiency solar thermal energy collector is specifically engineered for Fresnel solar thermal power generation systems. By utilizing advanced coated steel tubes and anti-reflective glass, it efficiently converts solar energy into thermal energy for power generation or cooling applications. Designed for durability and low maintenance, this technology offers a cost-effective, environmentally friendly alternative to conventional energy systems.

Technical Specifications

Core Components

- Solar Core high-temperature coated steel tube
- Flat anti-reflective coating glass

Primary Applications	Solar Thermal Power Generation, Fresnel Systems, Solar Air Conditioning

Benefits & Advantages

Key Advantages

- Lower investment and operating costs
- Extended system lifespan
- Reduced maintenance requirements due to no moving parts in the heat collecting section
- Enhanced energy savings and environmental protection

Market & Availability

Export Markets

United States • Germany • Spain • Australia

Rooms 05–15, 13A/F South Tower, World Finance Centre, Harbour City, 17 Canton Rd, Tsim Sha Tsui, Kowloon, Hong Kong