

Solar Powered Water Aeration System

This system uses solar energy to aerate water, providing a sustainable and cost-effective solution. It is designed for water purification and improving water quality in rivers and lakes.



ADDITIONAL IMAGES



Overview

Sustainable Water Purification

This solar-powered water aeration system is designed for efficient water purification and quality improvement in rivers, lakes, and aquaculture ponds. By utilizing solar energy, the system offers a zero-cost operation throughout the year while promoting environmental sustainability. It features intelligent automatic switching based on light intensity, ensuring optimal aerobic power without the need for manual management.

System Features

Key Operational Benefits

- Zero-cost operation throughout the year
- Automatic intelligent switching based on light intensity
- No electric shock risk compared to grid-tied systems
- Low operating noise
- Energy storage and non-storage options available

Available Power Ratings

750W, 1100W, 1500W, 2200W

Technical Specifications

Materials

- Aluminum alloy
- Stainless steel

Core Component Service Life

15 years

Applications

Suitable Applications

Urban Rivers • Artificial Lakes • Natural Lakes • Aquaculture • Fish Pond Oxygenation