

Rooftop Integrated Renewable Energy System

This rooftop system integrates solar photovoltaic panels and small wind turbines. It is designed for on-site electricity generation, reducing reliance on conventional power grids.



Overview

Integrated Urban Renewable Energy

This rooftop integrated renewable energy system combines solar photovoltaic panels with small-scale wind turbines to provide distributed power generation. Designed specifically for urban environments, the system mounts directly onto building rooftops to enhance energy independence. By leveraging both solar and wind resources, it significantly reduces reliance on the conventional power grid and supports sustainable building operations.

Technical Specifications

Energy Sources	Solar Photovoltaic, Wind Energy
Ideal Environment	Urban rooftops
Installation Method	Rooftop integrated structure

Key Features

Primary Benefits

- Distributed power generation
- Reduced grid reliance
- On-site energy independence
- Space-efficient rooftop design