Building Attached Photovoltaic (BAPV) System

Building Attached Photovoltaic (BAPV) systems provide long-term financial benefits through solar power generation. The easy installation of photovoltaic modules increases social values by making buildings green.

Overview

Building Attached Photovoltaic (BAPV) System

The BAPV system is an innovative solution designed to retrofit existing residential and industrial structures with solar power generation capabilities. By utilizing lightweight, thin-film photovoltaic modules, this system seamlessly integrates with building architecture without compromising existing structural integrity. It offers a straightforward installation process that delivers long-term financial benefits, improved energy efficiency, and a reduced carbon footprint for any facility.

System Characteristics

Performance Features

- Sound low-light performance
- Light-weight construction
- Space saving
- Energy saving
- Pro-peak regulation

Application Type	Residential, Industrial, Retrofit
Module Technology	Thin-film Photovoltaic

Installation & Integration

Key Benefits

Easy Installation • Eco-friendly • Financial Returns • Maintains Building Function

Installation Method	Simple retrofit attachment to existing structures
Structural Impact	No