

Vertical Axis Smart Flower Solar Panels

Model: HJ-FLOWER-V Power: 3KW, 5KW, 8KW, 10KW, Customization

Summary

The Vertical Axis Smart Flower by HighJoule rotates around a central vertical column, making it perfect for urban settings or tight landscapes. Designed to turn in place without tilting, it provides 360° exposure optimization in an elegant compact design.



Vertical Axis Smart Flower Solar Panels (HJ-FLOWER-V)

Product Features

360° Vertical Rotation

Central axis allows circular sun tracking throughout the day, ideal for tight urban spaces.

Compact & Decorative

Compact footprint with artistic design fits well in scenic or landscape-focused applications.

Strong Weather Resistance

Wind-resistant folding and stable mounting ensure safety and durability in public spaces.

Self-Cleaning Petals

Reduces dirt accumulation and manual cleaning frequency, maintaining long-term efficiency.

Urban & Tourism Ready

Widely used in plazas, resort paths, parks, and high-end residential courtyards.

Custom Artistic Design

Shape, color, and movement can be adapted to match aesthetic and branding requirements.

Technical Parameters

Specifications

Model Number	HJ-FLOWER-V
Solar Cell Type	Monocrystalline, PERC / HBC / N-TYPE / PET
Cell Efficiency	98%
Output Power (W)	3KW, 5KW, 8KW, 10KW
Output Voltage (V)	48V
Output Frequency	50Hz
Controller Type	MPPT + parasol-style tracking
Wind Resistance	≥12 m/s (auto fold in 15s)
Battery Type	Lithium-Ion
Working Time	24H
Mounting Type	Ground / Platform vertical mount
Rotation Radius	2.5m
Weight	~100 kg

Application

Perfect for city parks, resort paths, luxury courtyards, and tourism zones. Combines elegance and functionality for power generation and landscape enhancement.

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<https://www.highjoule.com>



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