AGRIVOLTAIC SOLUTION

Our Agrivoltaic System provides a sustainable, dual-use solution for modern agriculture and energy production. It addresses rural electrification while preserving agricultural land. The system features tall, adjustable-angle structures offering enhanced clearance and compatibility for agrivoltaico avanzato compatibility that create a beneficial microclimate below, protecting crops from environmental extremes. Constructed from advanced Zinc-Aluminum-Magnesium steel, the modular design ensures exceptional durability. It integrates intelligent controls, enabling the fusion of reliable energy generation with automated farming practices to optimize farm efficiency and yield.

Integrated Value

- **Dual Land Use** for power generation and agriculture, addressing rural energy scarcity and land conservation.

Structural Superiority

- **Tall Structures & Modular Design:** 1P system compatible with agrivoltaico avanzato Italy providing up to 2.1m clearance at full tilt. High-strength Zinc-Aluminum-Magnesium coated steel ensures durability.

Crop Management

- **Dynamic Shading Optimization** via adjustable angles for tailored crop light conditions and microclimate control.

Smart Integration

- **Automated Control Integration** allows seamless linking of power generation to smart farming equipment for enhanced efficiency.

Reliable Support **Sustainable Future**

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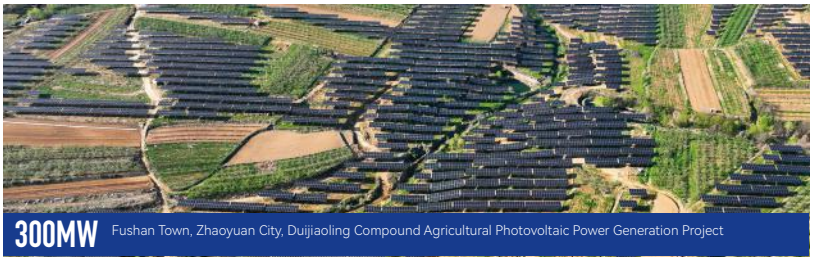
ESET SOLAR

Reliable Support Sustainable Future

BASIC SPECS

● System Parameters	Tracking Type	Horizontal single-axis tracker (HSAT)
	Number of Module per Tracker	1~4 strings，≤120pcs
	Tracking Range of Motion	-60~60°
	Drive Type / Quantity	Multiple slew-drive
	Slope Adaptation	≤15% (N-S and E-W)
	Foundation Options	Ramming pile / concrete pile / PHC pile
	Structural Materials	Hot dipped galvanized / ZAM high-strength steel
	Design Wind speed	Up to 70m/s
	Design Wind Load	Project Customization
	Design Snow Load	Project Customization
	Module Compatibility	Compatible with all types of module
	Control Algorithm	Project Customization

450MW Fushan Gonghe Photovoltaic Construction Project



300MW Fushan Town, Zhaoyuan City, Duijiaoling Compound Agricultural Photovoltaic Power Generation Project

32MW Huaneng Yutangzhai Photovoltaic Power Generation Project

300KW Masdar project in Al Ain, United Arab Emirates