



PV Tracker control box Datasheet

Why Choose FXT-260

Robust Performance

Engineered for consistent and stable power generation.

Adaptable Design

Suitable for diverse environments and installation requirements.

High Efficiency

Maximizes energy output, ensuring optimal returns on investment.

Water Proof Protection

Built to withstand challenging weather conditions.

CONVENIENT COMMISSIONING

- Reduces Project Commissioning Time
- Streamlines Commissioning Process
- Requires Fewer Spare Parts, Simplifying Commissioning

COST-EFFECTIVE

- Saves Time and Cost
- Lowers Maintenance Costs
- Extends Life Expectancy

FXT-260



Product advantages

Tracking Control System
AITRACKER's TCU Provides Advanced Algorithms for Optimized Solar Tracking

- Real-time Data
- AI Adaptability
- High Precision
- Remote Monitoring
- Intelligent Control
- Less CPEX

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FXT-260 Tracking controller Datasheet

Electrical Parameter

Input

Input Voltage	90-264V AC		
Input Current	0~2.5A AC	0~3.8A AC	0~6.1A AC

Output

Power	225W	350W	550W
Output Voltage	24V DC		
Output Current	9.3A max	14.6A max	22.9A max

Power Consumption

Daily Energy Consumption	<0.05kWh/day	<0.07kWh/day	<0.12kWh/day
Static Power	<0.7W		

Tracking algorithm and operating mode (matching communication boxes and sensors)

Tracking Algorithm	Active tracking closed loop control (astronomical algorithm + position feedback)
Backtracking Mode	YES
Wind Protection Mode	YES
Night Reset Protection Mode	YES
Rotation Angle Protection Mode	YES
Overload Protection Mode	YES
Clean Mode	YES
Heavy Rain Protection Model	Optional
Snow Protection Mode	Optional
Flood Protection Mode	Optional

Basic Parameter

Certification	CE,UL		
Operating Temperature	-40℃~60℃		
Storage Temperature	-40℃~85℃		
Communication Method	Zigbee/RS485		
Water-proof Level	IP65		
Control Box Housing Material	Polymer Material Makrolon*6487		
Altitude	<4000m		
Weight	2.2kg	2.5kg	2.8kg
Dimensions	320*184*93mm (L*W*H)		