



SOLAR TRACKER SOLUTION

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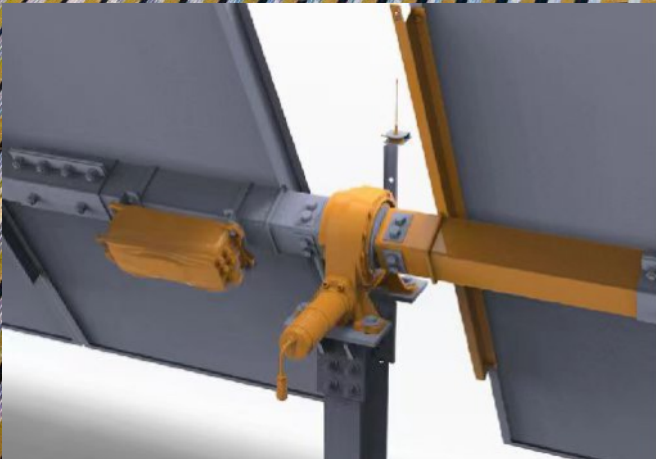
SOLAR TRACKER CONTROL



SOLAR TRACKER SOLUTION

SOLTRACK RPU 1500

CONTROLLER ELECTRICAL SPECIFICATIONS	RPU 1500	RPU 1500 S
Input		
Input Power	150W	350 W
Input Voltage	300 ~ 1500V	300~1500V
Input Current	0 ~ 0.5A DC	0~0.5ADC
Output		
Output Voltage	24Vdc	24Vdc
Max.Output Power	150W	350W
Rated Output Power	80W	80W
Max.Output Current	6.25A	14.6A
Rated Output Current	3.3A	3.3A
Battery		
Battery Type	Li-ion Battery	Li-ion Battery
Battery Capacity	99.9Wh	99.9Wh
Power Consumption		
Daily Energy Consumption	< 0.05kWh/day	< 0.11kWh/day
Static power	< 0.7W	< 07W
TRACKING ALGORITHM AND WORKING MODE (Configure corresponding communication box and sensors)		
Tracking algorithm	Astronomical algorithm+Intelligent Algorithm	
Backtracking mode	Yes	
Wind protection mode	Yes	
Night reset protection mode	Yes	
Rotation angle protection	Yes	
Overload protection mode	Yes	
Hail protection mode	Optional	
Snow protection mode	Optional	
Flood protection mode	Optional	



GENERAL DATA	
Certification	CE
Operating temperature	-10°C ~ 60°C (-40°C ~ 60°C Optional)
Storage temperature	-40°C ~ 85°C
Communication method	Zigbee/RS485
Protection level	IP65
Shell material	Polymer material Makrolo*6487
Altitude	< 4000m
Weight	2.8kg
Dimensions	392*185*120mm (L*W*H)