



NCURT-COM-V1

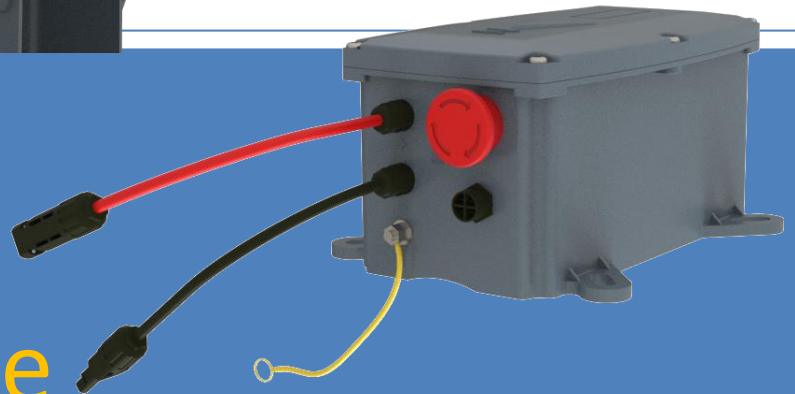
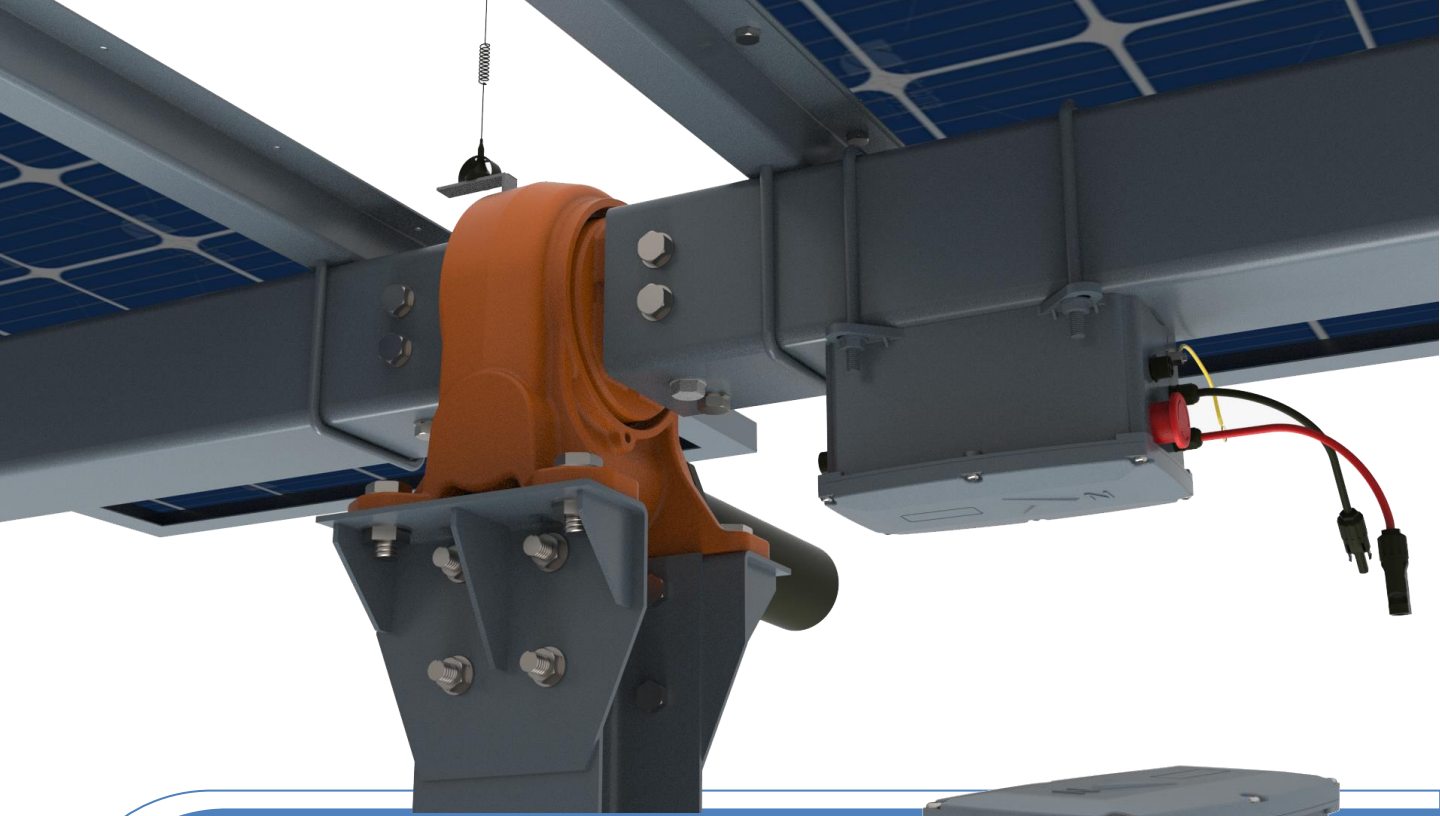


NCU can accurately analyze and predict which finally calculates the optimal running angle of each column.It sends commands to the TCU to achieve optimal tracking, which greatly reduce the communication failure rate, save data transmission costs, and extend the life cycle of the equipment.

Characteristic parameters	
Product Model	RT-COM-V1
Input Voltage	L+N 220 VAC
Parameter Setting	PC
Daily Power Consumption	≤0.1kWh
GPS	Yes
High Wind Speed Triggers The Threshold	variable
Snow Trigger Threshold	variable
Longitude And Latitude	GPS automatic acquisition
Time Zones	Yes
Function Parameters	
Weather Sensor Alarm	Yes
Alarm Of Communication Interruption With Tcu	Yes
Gps Module Failure Alarm	Yes
Wireless Communication (with Tcu)	Yes
Communication(wired)	Rs485
Wind Speed	Yes
General Parameters	
Shell Material	sheet metal
Installation Mode	Back Mounting
Protection Level	IP65
Weight	5.4kg
Dimensions	330*96*360mm
Working Temperature	-40~70℃
Altitude	<4000m

Notice: This is the standard configuration, which can be adjusted according to the actual project conditions, please consult Ruitai Automation technical team.





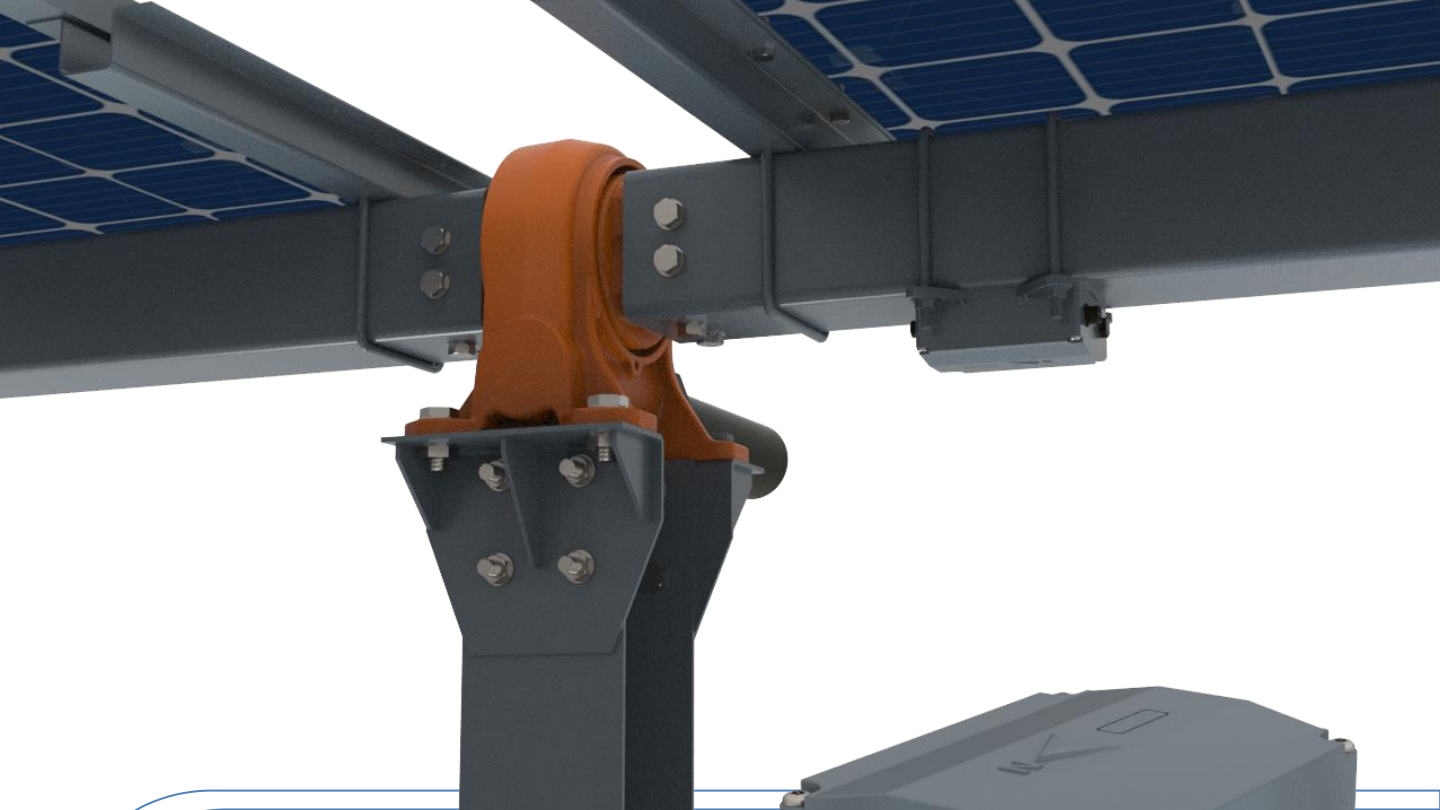
Intelligence

Tracker Control Unit

PV Tracker control box-TCU (**Main Unit**)

Convenient interaction | Safe and durable | Professional technical team

Intelligent algorithms empower power stations



Intelligence

Tracker Control Unit

PV Tracker control box-TCU (**Branch Unit**)

Convenient interaction | Safe and durable | Professional technical team
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RT-TR-SP-V1 CONTROLLER ELECTRICAL SPECIFICATIONS	Input Power	350W
	Input Voltage	300V~1500V
	Input Current	0~1.2Adc
	Output Voltage	24VDC
	Max.Output Power	350W
	Rated Output Power	80Whx3
	Max.Output Current	14.5A
	Rated Output Current	12A
	Battery Type	Li-ion battery (Low temperature type optional)
	Battery Capacity	99.9Wh (4500mAh)
	Daily Energy Consumption	<0.05 kWh/Day
	Static Power	<2W
	Tracking Algorithm	Astronomical Algorithms + Intelligent Algorithms
	3D Back Tracking	YES
	Smart Stow	YES
	Wind Protection	YES
	Overload Protection	YES
	Hail Protection	Optional
	Snow Protection	Optional
	Flood Protection	Optional
GENERAL DATA	Operating Temperature	-40 ℃~65℃
	Storage Temperature	-40 ℃~85℃
	Waterproof Level	IP65
	Tracking Accuracy	+1°
	Communications	Lora/Zigbee/RS485
	Altitude	<4000m
	Weight / Dimensions	2.1kg /290x193x132mm (LxWxh)
	Certifications	UL/CE/TUV/IEC