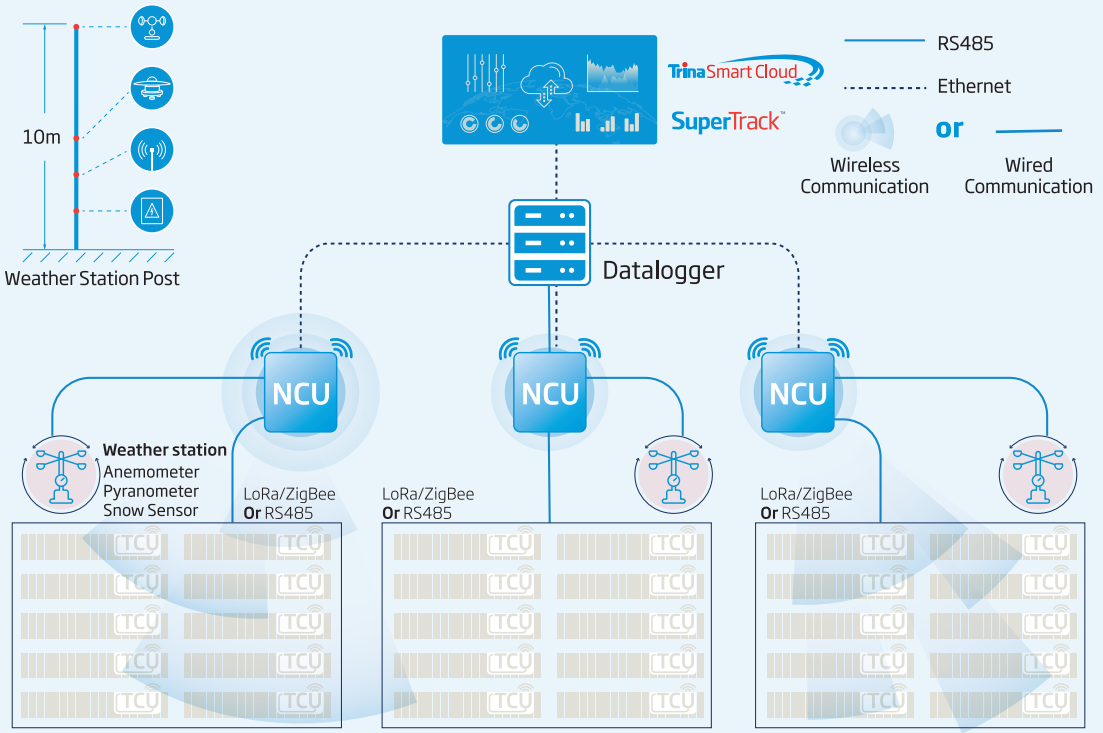




TrinaTracker Smart Controller NCU

Track and Boost Your Energy

- Automatic and manual operation mode
- Wind protection mode, snow mode
- Rain cleaning mode (angle settable)
- Specified angle operation mode
- Manage up to 150 TCU and 1 weather station



Warranty period of 5 years for TrinaTracker electrical components.

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
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Characteristic Parameters	
Input	
Power Supply	115V AC/230V AC (±10%)
Control	
Control Unit	ARM Cortex - M3
Parameters Setting	PC (Software)
Power Consumption	
Daily Energy Consumption	0.04 kWh/Day
Parameters Setting	
GPS Signal	Yes
High Wind Trigger Threshold	PC (Software)
Heavy Snow Trigger Threshold	PC (Software)
Latitude and Longitude	Automatic
Time Zone (Winter Time)	Manual

Function	
Protection and Alarm	
Weather Sensor Alarm	Yes
TCU Communication Interruption	Yes
GPS Failure Alarm	Yes
Communication	
Wireless Communication	LoRa/ZigBee
Wired Communication	RS485 + Ethernet
Physical Network Interface	RJ45
Environmental information	
Wind Speed Information	Wind speed information+ Wind speed direction (Optional)
Irradiation Information	Yes (Optional)
Snow Thickness Information	Yes (Optional)

General Data	
Installation Mode	Weather Station Post
Protection Level	IP66
Weight	<8kg
Dimensions	495*495*300mm (L*W*H)
Environment Temperature	-30°C ~ 60°C ⁽¹⁾
Max Altitude	4500m

*1 Standard configuration. Different conditions under request, please consult TrinaTracker.

