



SOLAR TRACKER SOLUTION

BERGMANN
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Enerinvest srl - Via Cardarelli 85 , 86039 Termoli (CB) Italy - tel +39 0875.702073- email: info@bergmannitalia.it- web: www.bergmannitalia.it



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SOLAR TRACKER CONTROL



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SOLTRACK RPU 1500

CONTROLLER ELECTRICAL SPECIFICATIONS

| | |
|--------------------------|---------------|
| Input | |
| Input Power | 150W |
| Input Voltage | 300 ~ 1500V |
| Input Current | 0 ~ 0.5A DC |
| Output | |
| Output Voltage | 24Vdc |
| Max.Output Power | 150W |
| Rated Output Power | 80W |
| Max.Output Current | 6.25A |
| Rated Output Current | 3.3A |
| Battery | |
| Battery Type | Li-ion batter |
| Battery Capacity | 99.9Wh |
| Power Consumption | |
| Daily Energy Consumption | < 0.05kWh/day |
| Static power | < 0.7W |

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) |