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## Dual Axis Tracking System Advantages

- ▶ Higher efficiency, +25% - 40% more energy!
  - ▶ No back shadows design for bi-facial solar modules.
  - ▶ Simple structure - easy for installation and maintenance.
  - ▶ Less power consumption - only about 3 - 5kWh/set/year.
  - ▶ High frame strength - better wind-resistance performance.
  - ▶ Single pole supporting structure - best terrain adaptability.
  - ▶ Reliable technology, low failure rate, high tracking accuracy.
  - ▶ Smart control, self-positioning & self-correction, low O&M cost.
  - ▶ Rain wash mode - effectively reduce your solar panels washing times.
  - ▶ Snow-prevention mode, effectively increase your power generation time.
  - ▶ No fixed coverage to sunshine or raining - no affection to plants growing.
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## Major Technical Data

| Item                               | Parameter   |
|------------------------------------|---|
| Control mode                       | Time + GPS  |
| Average tracking accuracy          | 0.1° – 2.0° (adjustable)                                      |
| Gear motor                         | 24V/1.5A  |
| Output torque                      | 5000 N·M  |
| Tracking power consumption         | < 0.02kwh/day   |
| Azimuth angle tracking range       | ± 45°   |
| Elevation angle tracking range     | 45°   |
| Max. wind resistance in horizontal | 40m/s (standard 30m/s)  |
| Max. wind resistance in operation  | 24 m/s  |
| Material                           | Galvanized steel / Superdyma                                  |
| System guarantee                   | 3 years   |
| Working temperature                | -40°C — +75°C   |
| Technical standard & certificate   | CE , TUV  |
| Weight per set                     | 150 – 240 KGS   |
| Total power per set                | 1.5kW – 5.0kW (solar panels area less than 23m <sup>2</sup> ) |