



SPECIFICATION & DATASHEETS

Communication	WiFi *
Max reflector sizes	75cm
Max reflector weight	17Kg
Pole support diameter	60mm
housing	aluminum alloy EN AB 46000Mg
surface	tumbling + polishing
Weight	8,5kg
Sizes	29x13x16cm
Minimum operating temperature	-35°C **
Maximum operating temperature	+60°C **
Relative humidity	100% **
Working voltage	26-30Vdc
Stand by absorption	6mA
Working absorption	210mA
Maximum absorption	750mA
Working voltage motor PWM	6%-96%
Horizontal rotation speed	2,46°/s
Vertical rotation speed	2,30°/s
Horizontal rotation angle	-/+80°
Vertical rotation angle	-5°/80° South/North position 0-18/+78
Horizontal software limits	-/+77°
Horizontal mechanical limits	-/+80°
Vertical software limits	-15/+75°
Vertical mechanical limits	-18/+78
Mechanical pointing accuracy	-/+0.2°
Electrical pointing accuracy	* see Eutelsat sheets
Windload	90km/h with gusts of 130km/h

*could be add bluetooth communication / optional

**tested in climatic chamber “Angelantoni ACS-UY110-15244”YOUODO switch on 30Vdc powered, 1 cycle of 72h divided as: 4h at -35°C; 4h at 0°C; 4h at +60°C, per 6 cycles

***pointing accuracy & wind stability was improved between first and second batch through mechanical transmission system modification:

- modified the tooth profile of brass wheels
- change the material of the worms from AVP to 39nicrmo3bp
- replaced housing of tangential gearboxes from plastic to ZAMA
- replaced housing of motor to EN AB 46000 Mg alloy