



MIKO ENERGY



SUNFLOWER TRACKER

Dual Axis Solar Tracker System

X: $\pm 120^\circ$ **Y:** 0 - 60°



TECHNICAL SPECS

SOLAR TRACKER

CONTROL ALGORITHM		Astronomical algorithm + position sensing (GPS) closed-loop control	
BRACKET MATERIAL	Hot Galvanizing Steel	TRACKING PRECISION	$\leq 1^\circ$
WIND LOAD	$\leq 17\text{M/S}$ (CUSTOMIZABLE)	SNOW LOAD	0.3KN~1.4kn/m ²
DRIVING FORM	Rotary Drive	DRIVE POWER	150W
ELECTRICITY CONSUMPTION	<0.4KWH/Day	POWER SUPPLY	220VAC/1500VDC
X TRACKING ANGLE	$\pm 120^\circ$	Y TRACKING ANGLE	0 - 60°
COMMUNICATION PROTOCOL	RS485-Modbus	PROTECTION LEVEL	IP65
OPERATING TEMPERATURE	-35°C ~ 70°C	FOUNDATION FORM	Concrete Foundation
BRACKET MATERIAL WARRANTY	3 Years	OTHER COMPONENT WARRANTY	1 Year
STANDARD	GBT 29320-2012	DESIGN LIFE	>25 Years
CERTIFICATION		CE,CQC,ISO9001,ISO14001,OHSAS18001	
MODULE SIZE	2278*1134*35MM (CUSTOMIZABLE)	MODULE NUMBER	4 Panels
DEVICE WEIGHT	$\approx 160\text{KG}$	BRACKET AREA	$\approx 10.3\text{ m}^2$
ARRANGEMENT OF SOLAR PANELS	2*2	GROUND CLEARANCE	540mm (CUSTOMIZABLE)

- The maximum power generation can be increased by 35%~45% compared with fixed structure.
- Intelligent control realizes automatic recognition of weather and system protection.
- High overall protection level, capable of long-term reliable operation in harsh outdoor environments.
- Flexible and adaptable installation without the need for large-scale site leveling.

