



# CDS SOLAR

## SELF-CLEANING HZ-SC80 TRACKER



Dust-proof Function can reduce 2/3 cleaning-fee



Wind-stow Function make the tracker more safe

CDS Solar Energy Technology Co., Ltd is specialized in manufacturing single-axis tracker, residential solar storage system. We also provide the design service for solar power plants and customized solar tracker system.CDS Solar is always trying to improve the quality and the user experience of product, and to bring the safety and reliable green energy to customer.

Dalian CDS Solar Energy Technology co., Ltd  
Email: [cmo@cds-solar.com](mailto:cmo@cds-solar.com)  
Web: [www.cds-solar.com](http://www.cds-solar.com)



Tracker Type	HZ-SC80
Tilt Angle	0°
Driving Capacity	80 x PV Panel
Driving Type	Rotating Gear Driver + DC Motor
East-West & North-South Dimension	2 m & 82 m
Array Height	0.8m ~ 1.2 m, Adjustable
Ground Cover Ratio (GCR)	33% ~ 50%
Tracking Range	± 45° , ± 60°
Module Configuration	Standard: Single Module In Portrait
Materials	HDG Steel & Anodized Aluminum
Wind Load	Up to 140 mph ( 3 Second Gust ) in stow position
Wind Protection	Safety Wind-Stow Mode
Solar Tracking Method	Algorithm With GPS Input
Control Electronics	MCU
Data Feed	RS485 / Modbus RTU
Night-Time Stow Mode	Yes
Dust-Proof Mode	Standard
Back-Tracking Mode	Yes
Tracking Accuracy	± 0.2°
Installation Guide Manual & Drawings	Yes
Connection Type	Fully Bolted Connections, No Welding Necessary
Power Consumption	12 kWh/Y
Tracker Size	L82 x W2 x H1 m (typical)
Warranty	10 years on structural components, 5 years on drive and control systems.
Patent No.	ZL 2014 2 035 7004.0
Product specifications are subjected to change at any time with CDS Solar reserving all rights and privileges.	