

DTS MR-SD 2.5 X



More PV Panels per System	Flexible Construction	Easy Installation
Modern Digital Technology	Real - time Control	Heavy Steel Construction
Aerodynamic Design	Low Energy Consumption	Long - lasting Materials

DTS MR-SD 2.5 X – Dual Axis Tracking System

The first 2 - axis full digital tracking system in the world!!!

The tracking system DTS MR-SD 2,5 X was developed with special software of three dimensional parametric design "Dassault Systems".

To ensure the adequacy of both the strength and the workability of construction, we used the Finite Element Method, in the environment of SolidWorks Simulation 2009.

* For additional details regarding to guaranty, please refer to the full text of Guaranty.

* Follow the Manual and the instructions of the special text book.

TECHNICAL DETAILS AND CHARECTERISTICS

Type	2- axis System "V"
Metallic Construction	Hot dip galvanized Steel
Surface	-65 m ²
Weight	1.100 Kg
Payload	1.300 Kg
Maximum Installed Power	3-10 KWp
Maximum Operating Height	2,5 m
Vertical Inclination	0° - 80°
Horizontal Rotation	270°
Tracking System	Digital Astronomical Positioning
Control, Monitoring	Central Control System
Wind Protection	Digital Horizontal Positioning at 90Km/h
Maximum Wind Speed Resistance	150 Km/h
Transmission	Slew Drive
Energy Consumption	70 KWh/year
Electric Power Supply	380-400V
Foundation	3-6 m ³
Maintenance	Yearly Inspection (optional)
Module Security System	Disconnection Alarm (optional)
Protection Sensors - Alarms	Snow, Fire, Storm, Hail, Lightning, Static Load (optional)
Communication	GSM, Satellite, Voice Response (optional)
Operating Panel - Remote Accessl	(optional)

Technical Data are subject to change at any moment from the company

* Following an implementation study

