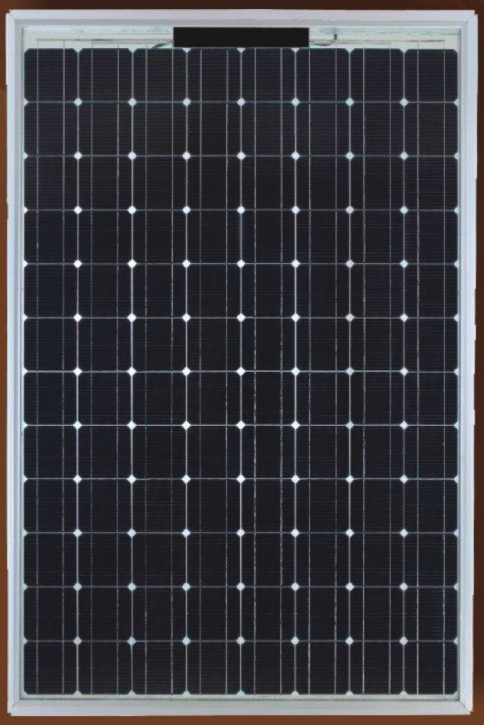
TRAXLE™

Desert Star

Temperature Rating +110 °C

Solar photovoltaic products line for high temprature desert applications

Bifacial High Temperature PV Panels TRAXLE™



Because of bifacial effect it can be installed vertically with negligible energy reduction.
Vertical installation results in very reduced (3X-5X) sand/dust accumulation on the module surface.
Cleaning of the vertical PV array is very easy.
Licensing of the bifacial solar cell/panel technology is possible.
We will be pleased to deliver compete bifacial cell/panel production lines.

Specifications

Data at Standard Test Condition (T=25℃, AM=1.5, E=1000W/m^2)

No	TYPE		TSM-610DS
1	Peak Power（Pm）		610W
2	Open Circuit Voltage(Voc)		63.78V
3	Short Circuit Current（Isc）		13.21A
4	Maximum Power Voltage（Vmp）		50.12V
5	Maximum Power Current （Imp）		12.18
6	Temperature coefficient of the current		0.05%/°C
7	Temperature coefficient of the voltage		-0.30%°C
8	Temperature coefficient of the power		-0.40%/°C
9	Maximum System Voltage		1.500V
10	Linear degradation rate		**-0.24% per year**
11	Working Temperature		**-55℃ to +115℃**
12	Dimension(AxBxC)		1998x1312x40mm
13	Cell Type		Monocrystalline
14	**Encapsulant**		**Polysiloxane gel**
15	J-box, cables & connectors		Tyco
16	Quantity & Layout of Cells		96 pcs (8*12)
17	Front Glass Type and Thickness		Tempered 3.2mm
18	Back Glass Type and Thickness		Tempered 3.2mm
19	Installation Hole	D1	1548mm
		D2	974mm
		Diameter	Φ9mm
20	Weight		47kg

info@solar-solar.com, www.solar-trackers.com, Tel. +420 774 994 637