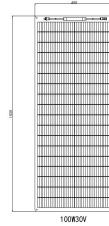


Datasheet



Model No.	eGo S 100w ETFE+Topcon
Product Name	Flexible Solar Panel
Maximum Power[Wp]	100
Solar Cell	A grade mono solar cell
Cell Array[Pcs]	2*18
Cell Efficiency	25.40%
Size[mm]	450*1030*2mm
Max Power Voltage Vmp[V]	20.00
Max Power Current Imp[A]	5.00
Open Circuit Voltage Voc[V]	23.60
Short Circuit Current Isc[A]	5.30
Net.Weight[kg]	3.4
Power tolerance[%]	±5%
NOCT[°C]	45±2
Operating Temperature[°C]	-40/+85
Temperature Coefficient Pmax[%/K]	-0.252
Temperature Coefficient Voc[%/K]	-0.227
Temperature Coefficient Isc[%/K]	0.031
Maximum System Voltage[V]	100 V
Maximum Reverse Current[V]	IR<2A-0
Flame retardancy	UL94 VTM-0
Certification and test	CE,ROHS,SGS,IEC salt mist,High temp humidity test
Surface/Backsheet	Japan ETFE/white plastic
Maximum bend radius(θ)	5°
Cables and Connectors	dual cores cable 2.5-4.0mm ² bare at end
Warranty[Years]	2
Standard Test Conditions	STC: 1000W/m ² , AM 1.5 and cell temp 25°C
Other notes	round corner R10,with silicon back up holes
Warranty	Power output will be at least 90% after 10 years and