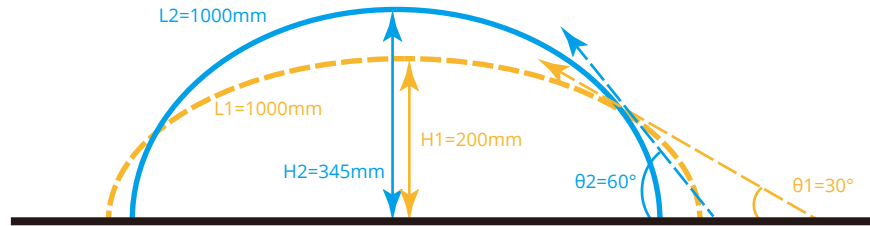


eGo SM PHYSICAL CHARACTERISTICS*



----- Old semi flexible ——— NEW AP2 material semi flexible

- *22.5%(PERC)-23.7%(HJT) efficiency cell front contact
- *60degree max instant bend angle using AP2 material
- *Reinforced anti-crack material
- *Ultrathin and lightweight

PRODUCT APPLICATION*

- *camping RV motorhome
- *boat,yacht,sailing,bimini,catamaran marine
- *golf cart roof,electrical car,car hood
- *balcony
- *cold chain bus
- *off grid solar system



MOBILE



SAILING



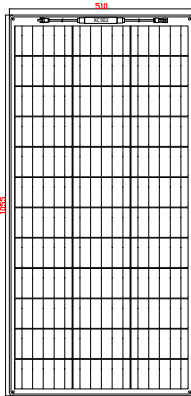
OFF GRID



OUTDOOR



HOME



ELECTRICAL PARAMETERS*

Model No.	eGo S50M	eGo S100M	eGo S150M	eGo S200M	eGo S250M	eGo S330M
Maximum Power[Wp]	50	100	150	200	250	330
Solar Cell	Mono PERC Solar Cell					
Cell Array[Pcs]	4*9	4*9	4*9	4*9	5*9	6*10
Cell Efficiency	22.5%	22.5%	22.5 %	22.5%	22.5%	22.5%
Size[mm]	350*820*3	510*1055*3	670*1190*3	670*1490*3	830*1490*3	1000*1670*3
Max Power Voltage Vmp[V]	20.26	20.26	20.26	20.26	25.32	33.72
Max Power Current Imp[A]	2.47	4.94	7.40	9.87	9.87	9.79
Open Circuit Voltage Voc[V]	23.91	23.91	27.38	23.91	29.88	39.79
Short Circuit Current Isc[A]	2.67	5.33	8.00	10.66	10.66	10.57
Net.Weight[kg]	0.5	3.0	3.2	3.5	4.2	4.5
NOCT[C]	45±2	45±2	45±2	45±2	45±2	45±2
Operating Temperature[C]	-40/+85					
Temp.Coeffi.Pmax[%/ C]	-0.30					
Temp.Coeffi.Voc[%/ C]	-0.174					
Temp.Coeffi.Voc[%/ C]	-0.05					
Max System Voltage[V]	1000V DC					
Max Reverse Current[A]	10	10	10	10	20	20
Safety Class	A	A	A	A	A	A
Certification	CE,RoHS,ISO9001					
Cables and Connectors	0.9m cable and a pair of MC4 connector					
Standard Test Conditions	STC: 1000W/m ² , AM 1.5 and cell temp 25°C					

*AHONY offer customize service,please refer to our website or ask AHONY workers for more sizes and the latest parameters.