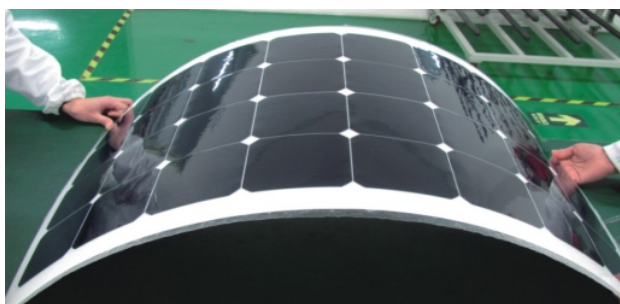
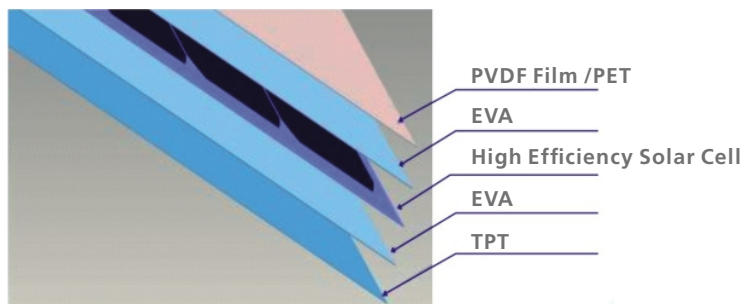


High Efficiency Bendable PV modules

The high efficiency bendable PV modules (flexible modules) adopt the world's highest conversion efficiency back-contact solar cells, with efficiency up to 24.2%, and the efficiency of the modules is 25%-30% higher than that of the conventional PV modules. As these modules are bendable. Sacred Solar high efficiency bendable PV modules are widely applied in electric golf cars, patrol cars, tourism cars, yachts, roof power generation systems, backpacks, tents etc.



Maximum recommended bending degree: 30 degree



Encapsulation structure of schematic view



Golf Car



Patrol Car



Travel Tourism Car



Solar Boat

Specification:

Model	Pm(W)	Voc(V)	Isc(A)	Vmp(V)	Imp(V)	C-EFF	NW	Dimension
ESM18ST-125	18	23.4	0.98	19.8	0.91	20.30%	0.50	434*277*3
ESM30ST-125	30	20.8	1.82	17.6	1.70	19.20%	0.75	535*378*3
ESM40ST-125	40	18.2	2.78	15.4	2.60	19.50%	0.88	535*480*3
ESM50ST-125	50	21.2	3.05	17.6	2.84	21.50%	1.20	545*535*3
ESM60ST-125	60	41.6	1.82	35.2	1.71	19.20%	1.46	725*535*3
ESM80ST-125	80	18.5	5.58	15.4	5.19	19.50%	1.80	922*540*3
ESM90ST-125	90	20.6	5.55	17.4	5.18	19.20%	2.00	1060*540*3
ESM95ST-125	95	20.8	5.78	17.6	5.40	20.2%	2.00	1060*540*3
ESM100ST-125	100	21.6	5.97	17.8	5.62	19.9%	2.22	1060*540*3
ESM110ST-125	110	23.2	5.47	19.6	5.11	19.0%	2.22	1175*540*3
ESM120ST-125	120	26.0	5.85	22.0	5.46	20.5%	2.45	1305*540*3
ESM130ST-125	130	28.6	5.77	24.2	5.38	20.1%	2.67	1435*540*3
ESM135ST-125	135	29.0	5.82	24.9	5.43	20.9%	2.67	1435*540*3