

TRUSTEC flexible solar modules - 30/ 60/ 100/ 135W

TRUSTEC high-efficient, top-quality, flexible solar modules (max. 30°) for professional application in every vehicle-, boat- and roof types. For the reliable mobile energy supply.

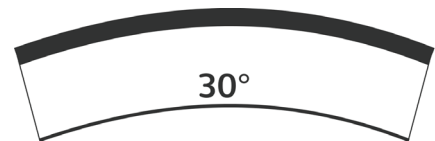
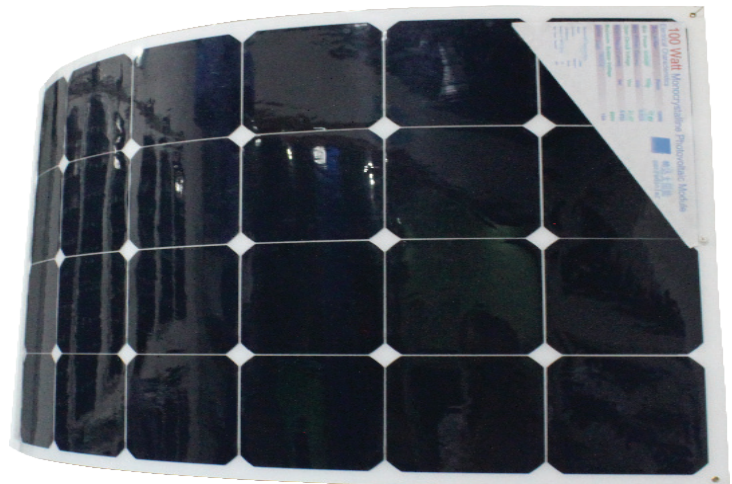
Through the back-contact technique the cells can be coated with a flexible material thus producing high-efficient flexible PV-Modules.

These modules are suitable for:

- slightly inclined surfaces (max. 30°)
- every vehicle-type (from Golf cars to camping vehicles)
- every boat-type (from sailing boats to Yacht)

Characteristics:

- PV-module with max. 30° bending
- High-efficient cells with up to 21,5 % efficiency
- up to 25 % higher yields than conventional PV-module
- extremely lightweight PV-modules



max. recommended bending degree: 30°

	HMB-30W	HMB-60W	HMB 100W	HMB 135W
Pm(W):	30W	60W	100W	135W
Voc(V):	21.2	21.0	21.6	29.5
Isc (A):	1.83	3.84	5.97	5.82
Vmp(V):	17.6	17.5	17.8	24.9
Imp(A):	1.70	3.43	5.62	5.45
Efficiency:	19.6%	19.6%	19.9%	20.00%
Module size (mm):	535 x 378 x 3	725 x 535 x 3	1050 x 540 x 3/ 1175 x 540 x 3	1435x540x3
Cell-size (mm):	1/3 125 x 125	1/3 125 x 125	4 x 8/ 4 x 9	125x125
Junction box:	QC0911-1 with wire	QC0911-2 with wire	QC0911-2 with wire	QC0911-2 with wire
Cell-connections type:	series connections, 32=4 x 8	series connections 64=4x16	series connection 36=4x9	series connection 44=4x11
Weight (kg):	0.49	0.93	1.35	2.00

TRUSTEC Mini-PV-Module - 30/ 60/ 100/ 135 W

These small PV-modules achieve the highest efficiency through the back-contact technique and reach a higher solar yield up to 25 %.

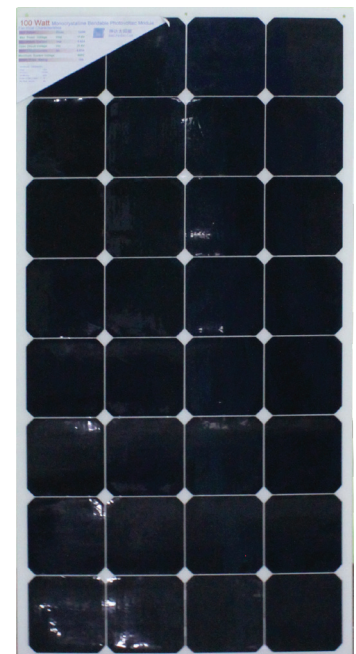
The plus- and minus-pole of the single cells is located on the back side, in this way the complete cell surface is available and can produce energy from the solar radiation.

Areas of application:

general solar roof system
off-grid system
street lighting system.

Characteristics:

- high-efficient cells
with up to 20 % efficiency
- up to 25 % higher yield
than conventional PV-module
- extremely lightweight PV-module



	HMG-30W	HMG-60W	HMB 100W	HMB 135W
Pm(W):	30W	60W	100W	135W
Voc(V):	21.2	21.0	21.6	29.5
Isc (A):	1.83	3.84	5.97	5.82
Vmp(V):	17.6	17.5	17.8	24.9
Imp(A):	1.70	3.43	5.62	5.45
Efficiency:	22.0%	19.6%	19.9%	20.00%
Module size (mm):	535 x 378 x 30	725 x 535 x 35	1050 x 540 x 35/ 1175 x 540 x 35	1435x540x35
Cell-size (mm):	1/3 125 x 125	4x16	4 x 8/ 4 x 9	125x125
Junction box:	JB007 without wire	JB016 with wire	JB016 with wire	JB016 with wire
Cell-connections type:		series connections 64=4x16	series connection 36=4x9	series connection 44=4x11
Weight (kg):	2.2	5.7	7.6	10.2