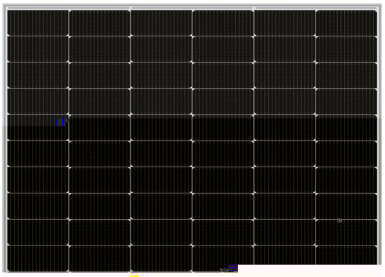


N-type monocrystalline high-efficiency bifacial double glass module

Product features

The whole industry chain integrated production
Polysilicon, wafer, cell, glass, frame, junction box are all self-produced, and the overall compability is better.

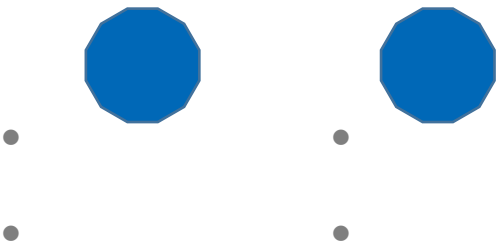
Better temperature coefficient
Improve power generation at high temperature and increase power output by 1%.

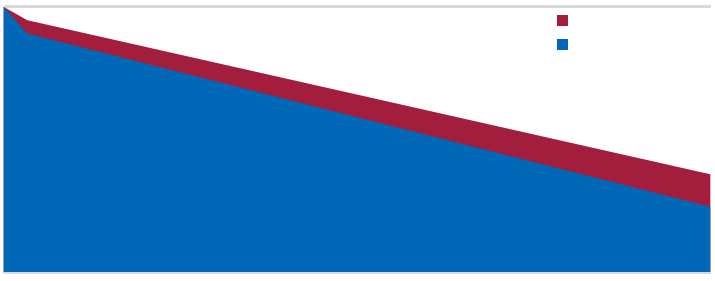
Higher bifaciality
Bifaciality can be as high as 85%, with backside gain up to 11.48% in sandy conditions.

High conversion efficiency
With outstanding cell technology and advanced manufacturing processes, the module can achieve conversion efficiency up to 23%.

Excellent perfomance in low light intensity
Improve the performance of power generation under low light conditions such as in the morning or evening and in cloudy and rainy days.

High reliability
The module has better sustainability in harsh environments such as in high-cold areas, desert and mudflats after more rigorous testings.





Mechanical Parameters

Cell type	N-type Monocrystalline solar cells
Number of half cell	156 (6×26)
Dimensions	2465×1134×35mm
Weight	34.3kg
Front Glass	2.0mm high transparent coated glass
Back Glass	2.0mm Semi-tempered glass
Frame	Anodized aluminum alloy
Junction box	IP68
Output cable	4.0mm²; + 400/-200mm or customised
Size of each pallet	2466×1140×1250mm

Electrical performance parameters

HS-78TBN 610-630-S3

	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
	610	466	615	470	620	474	625	478	630	481
	45.59	43.87	45.76	44.08	45.93	44.28	46.09	45.18	46.26	45.33
(Ipm/A)	13.38	10.53	13.44	**10.55**	13.50	**10.57**	**13.56**	10.58	**13.62**	**10.61**
(Voc/V)	55.32	52.29	55.46	52.40	55.60	52.56	55.74	52.69	55.88	52.82