

N series

210 N-type Bifacial Module 700W ~ 720W



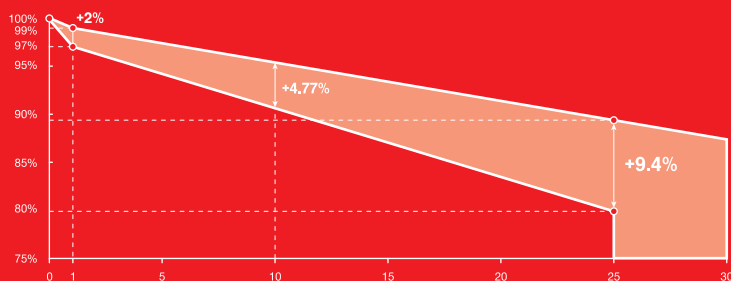
12 years product
workmanship warranty



30 years linear power output
warranty



1% 1st-year degradation
0.40% annual degradation



Conventional LESSO Solar Module

FEATURES AND BENEFITS



Topcon technology, higher power generation.



High density packaging, improving energy density.



Even cloudy or foggy days, better weak illumination response.



Zero LID, increase power generation.



Better temperature coefficient, more power generation.



Higher power output, lower bos cost.



Multiple weather, resistance tests, wider applicability.



Double-sided generation, powerfully energy boost.

LESSO 210 N-type Bifacial Module (66)



Power Range
700W ~ 720W



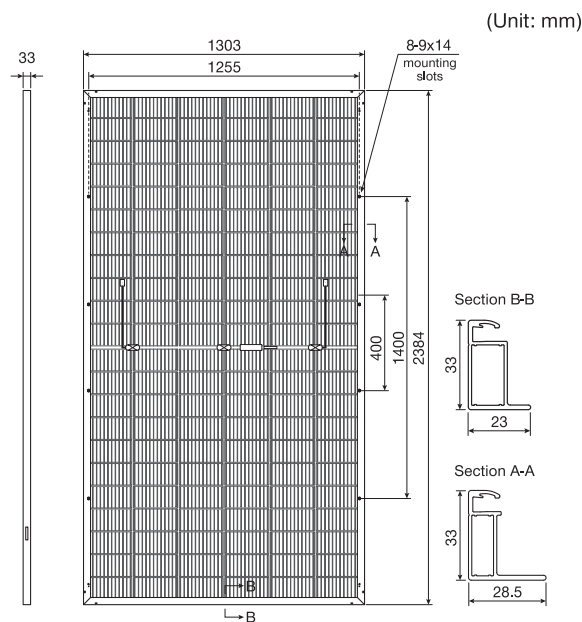
Power Output Tolerance
0W ~ +5W



Maximum Efficiency
23.18%

Structure Performance

Solar Cell Type	210mm N-TOPCon Mono Cell (Half Cell)
Solar Cell Arrangement	132pcs(6x22)
Module Dimension	2384×1303×33mm
Weight	37.8kg
Front Glass	2.0mm, highly transparent tempered glass with anti-reflective coating
Frame	Anodized Aluminum Alloy
Junction Box	IP68 rated
Cable	4mm ² , portrait ^{400mm (+)} / _{200mm (-)} , landscape ^{1400mm (+)} / _{1400mm (-)} Length can be customized
Diode Quantity	3 pcs
Front side / Rear side	5400pa / 2400pa
Connector	MC4 Compatible
Per Pallet	33pcs
Per Container(40'HQ)	594pcs

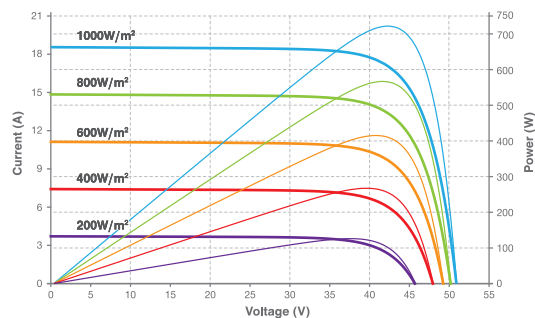


Electrical Performance Parameters

Model Type		700C(HBD)66(210)		705C(HBD)66(210)		710C(HBD)66(210)		715C(HBD)66(210)		720C(HBD)66(210)	
Testing Condition		STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Nominal Max. Power	P _{MAX} (W)	700	535	705	539	710	543	715	547	720	551
Max. Power Voltage	V _{MP} (V)	40.07	37.66	40.29	37.86	40.51	38.06	40.72	38.26	40.94	38.46
Max. Power Current	I _{MP} (A)	17.47	14.21	17.50	14.24	17.53	14.27	17.56	14.30	17.59	14.33
Open Circuit Voltage	V _{OC} (V)	50.34	46.07	50.55	46.28	50.76	46.50	50.97	46.71	51.18	46.92
Short Circuit Current	I _{SC} (A)	18.37	14.81	18.41	14.85	18.45	14.89	18.49	14.93	18.53	14.97
Module Efficiency	(%)	22.53		22.70		22.86		23.02		23.18	

* STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5; NMOT: Irradiance 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s; Power measurement tolerance ±3%.

Current-Voltage & Power-Voltage Curve (720C)



Bifacial Output-rearside Power Gain

5%	Maximum Power	P _{MAX} (W)	735	740	746	751	756
	Module Efficiency	(%)	23.66	23.83	24.00	24.17	24.34
10%	Maximum Power	P _{MAX} (W)	770	776	781	787	792
	Module Efficiency	(%)	24.79	24.96	25.14	25.32	25.50
25%	Maximum Power	P _{MAX} (W)	875	881	888	894	900
	Module Efficiency	(%)	28.17	28.37	28.57	28.77	28.97

Temperature Characteristics

Nominal Module Operating Temperature	44±2°C	Temperature Coefficient (V _{OC})	-0.25%
Temperature Coefficient (I _{SC})	+0.043%	Temperature Coefficient (P _{MAX})	-0.30%

Maximum Parameters

Working Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Nominal Maximum Fuse Current	35A