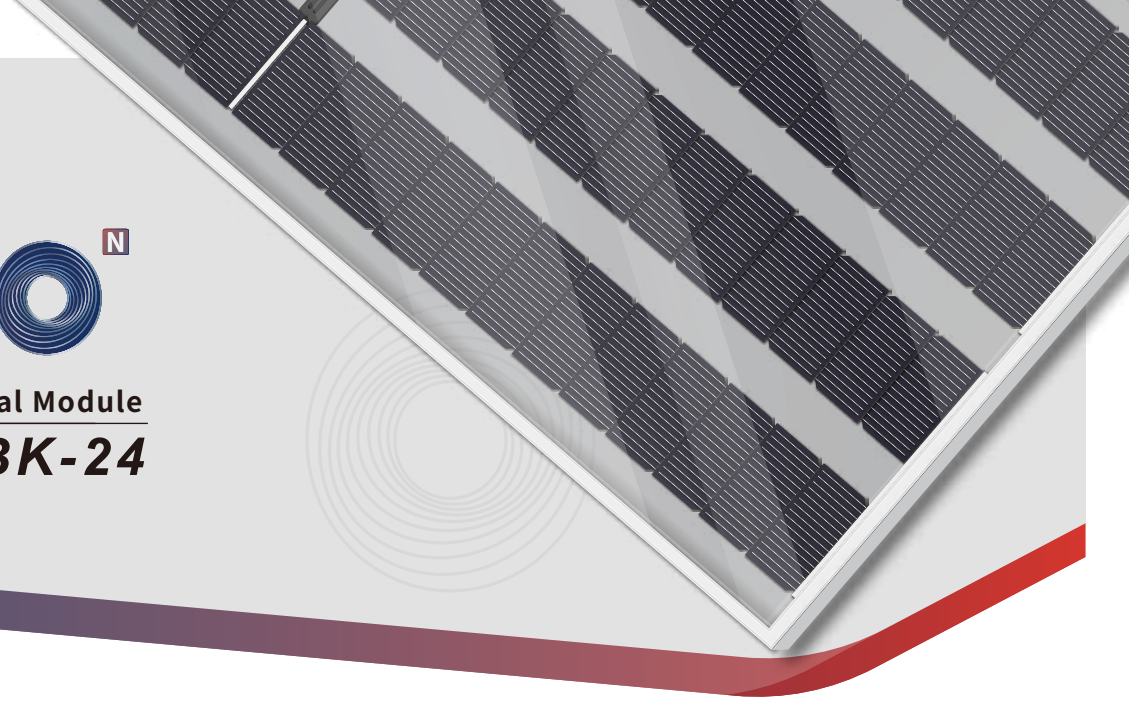


AURO N

N-Type Topcon Bifacial Module

380-400W **NLBK-24**

Key Product Features

Light transmission

Modules 5%-40% transmittance
Suitable for scenarios with light transmission

Zero LID

N-Type wafer No B-O caused LID
Excellent LID resistance performance

PID Resistant

Optimize cell production technology and material control. Enhance PID Resistant performance, and reduce degradation

Excellent low-light performance

Better low-light power generation performance in low radiation environment such as haze and cloudy days

SMBB Technology

16BB has better light trappingand current collection to improve module power output

Bifacial design

Double-sided power generation
Power gain up to 5%~32%

Low temperature coefficient

Peak power temperature coefficient
Excellent power generation performance in high temperature environment

LOW LOCE (Levelized Cost of Energy)

Reduce the cost of BOS efficiently
Increase return on project investment

Comprehensive product certification

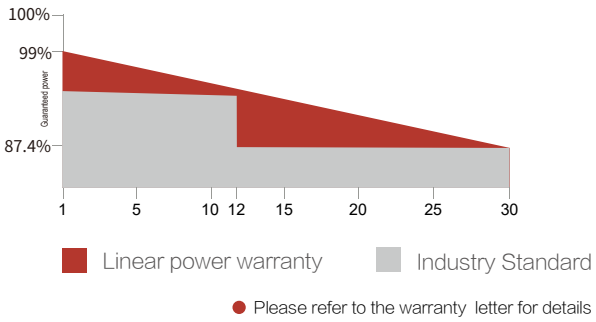
- IEC61215-1(ed.1)
- IEC61215-1-1(ed.1)
- IEC61215-2(ed.1)
- IEC61730-1(ed.2)
- IEC61730-2(ed.1)
- UL 61730-1 1st Edition
- UL 61730-2 1st Edition

Industry-leading Quality Assurance

12year Product warranty

30year linear power warranty

-0.40% Annual degradation



Please refer to the warranty letter for details

BYD Solar Power

Add: No.3009 BYD Road, Pingshan District,Shenzhen
+86-755-89888888
bydpv@byd.com

Electrical Data(STC*)

Module Type：NLBK-24	380	385	390	395	400
Rate Maximum Power(Pmax)(W)	380	385	390	395	400
Open Circuit Voltage(Voc) (V)	33.83	33.97	34.11	34.25	34.39
Short Circuit Current(Isc) (A)	14.31	14.43	14.55	14.67	14.79
Maximum Power Voltage(Vmp)(V)	28.05	28.19	28.34	28.48	28.63
Maximum Power Current (Imp) (A)	13.55	13.66	13.77	13.88	13.99
Module Efficiency (%)	14.71	14.90	15.10	15.29	15.48

*Standard Test Conditions (STC) : irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C

Electrical Data(NMOT*)

Module Type：NLBK-24	380	385	390	395	400
Rate Maximum Power(Pmax)(W)	284.8	288.5	293.6	297.5	301.4
Open Circuit Voltage(Voc) (V)	31.8	32.0	32.1	32.2	32.4
Short Circuit Current(Isc) (A)	11.55	11.65	11.75	11.84	11.94
Maximum Power Voltage(Vmp)(V)	26.2	26.3	26.4	26.6	26.7
Maximum Power Current (Imp) (A)	10.86	10.96	11.11	11.20	11.30

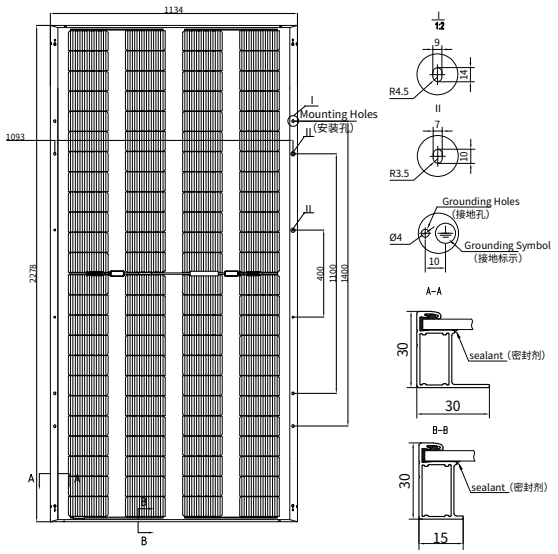
*Nominal Module Operating Temperature (NMOT):irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

Operational Parameter

Operating Temperature	-40°C~+85°C
NMOT（Nominal Module Operating Temperature）	45±2°C
Maximum System Voltage(V)	1500V DC
Maximun Fuse Current Rating(A)	30A
Fire Safety	Class C
Power Tolerance	0~+5W
Bifacial Factor	80±5%

PG. 400W	5%	10%	15%	20%	25%	30%
Rate Maximum Power(Pmax)(W)	420	440	460	480	500	520
Open Circuit Voltage(Voc) (V)	34.39	34.39	34.39	34.39	34.39	34.39
Short Circuit Current (Isc) (A)	15.53	16.27	17.01	17.75	18.49	19.23
Maximum Power Voltage(Vmp)(V)	28.63	28.63	28.63	28.63	28.63	28.63
Maximum Power Current(Imp) (A)	14.69	15.39	16.09	16.79	17.49	18.19

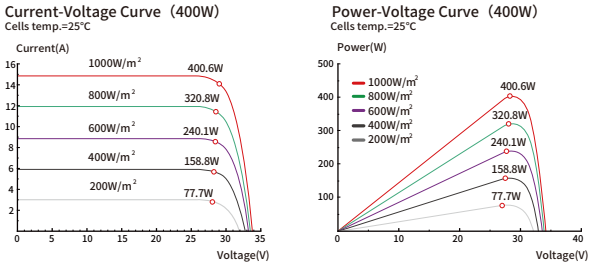
Drawing



Mechanical Properties

Cell Type	N - type Mono-crystalline
Number of Cells	96
Dimension of Module	2278*1134*30mm
Weight	30.0kg±5%
Front Glass	2.0mm semi-tempered glass with AR Coating
Back Glass	2.0mm semi-tempered grid printing glass
Frame	Anodized aluminum alloy
Junction Box	IP68(3 Diodes)
Cable Length	+320mm , -260mm(4.0mm²)； or Customized Length
Packing Information	720(36*20)pcs per 40'HQ

I-V curve



Temperature Coefficient

Peak Power Temperature Coefficient	-0.30%/°C
Open-Circuit Voltage Temperature Coefficient	-0.25%/°C
Short-Circuit Current Temperature Coefficient	0.046%/°C