

730W+ 23.50%

Leascend Uranus G12-SMBB Module

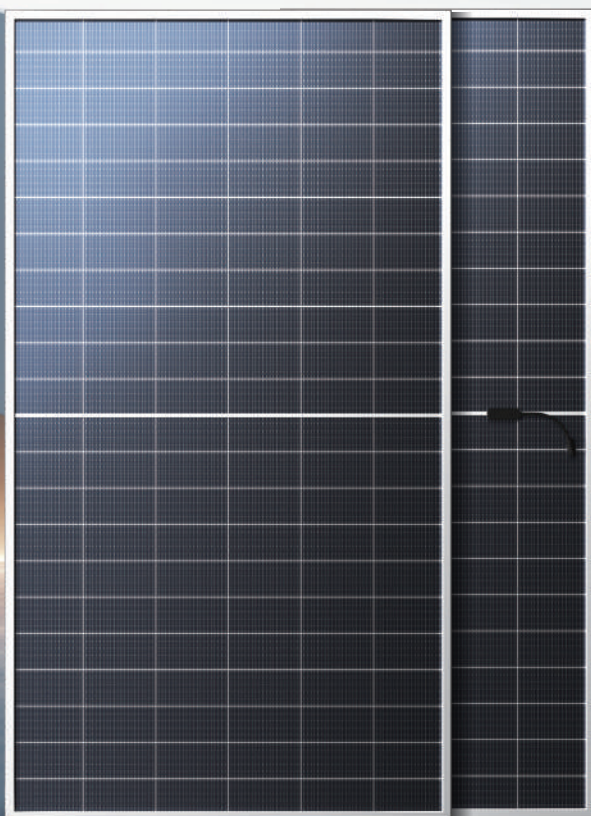
Bifacial Dual Glass HJT Solar Module

Leascend Photovoltaic Technology Co., Ltd ("Leascend PV"), controlled by Leascend Technology Co., Ltd (300051.SZ), is a technology innovation company focused on the development and mass production of high-efficiency heterojunction solar technology. Leascend PV aims to become a world-leading company of high-efficient solar energy and adheres to the philosophy of "win-win development, harmonious sharing, and focus on efficiency".

Due the rapid development, a strategic layout of two manufacturing plants has been formed, combined the production capacity of Meishan manufacturing plant in Sichuan Province and Nantong manufacturing plant in Jiangsu Province, we have reached a total capacity of 8.8 GW as of 2024. And by the year of 2026, Leascend PV will increase the capacity to 40 GW.

Adhering to the key concept of low cost, high quality and high efficiency, Leascend PV is focusing on the development of heterojunction solar technology, so as to continuously bring new positive changes to solar industry.

Leascend PV is accelerating the process of globalization, keep expanding the global market and bringing more Leascend light to the green world.



High Efficiency Cell Technology

Bifacial microcrystalline boost power efficiency.



Up to 90% Bifacial Rate

Efficient modules achieved through high bifaciality & innovative design.



Ultra High Power Generation

High bifacial rate, low temperature coefficient, low Degradation



Installation Preference

Effectively increasing power generation, reducing system BOS costs, and lowering LCOE

- Fluorine-free products
- Lower energy consumption (<400kg eq CO2/kWc)

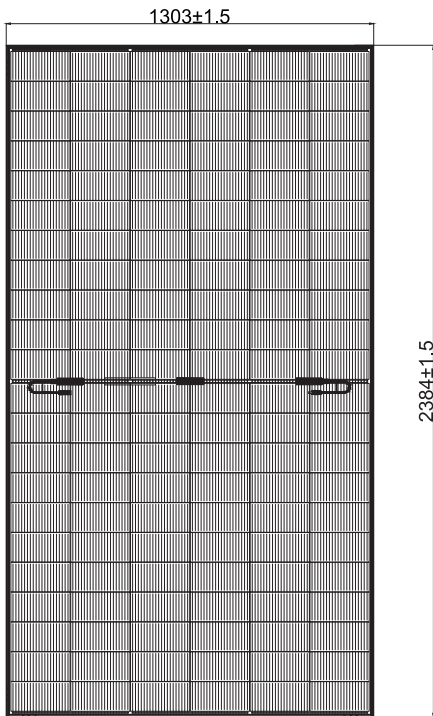


15-year process Warranty



30-year power linearity warranty

Module size(mm)



Electrical Characteristics(STC*)

Maximum Power (Pmax/W)	710W	715W	720W	725W	730W
Voltage at Maximum Power (Vmp/V)	42.19V	42.34V	42.48V	42.62V	42.77V
Current at Maximum Power (Imp/A)	16.84A	16.90A	16.96A	17.02A	17.09A
Open Circuit Voltage (Voc/V)	49.55V	49.63V	49.72V	49.84V	49.91V
Circuit Current (Isc/A)	17.43A	17.55A	17.67A	17.78A	17.89A
Module Efficiency(%)	22.86%	23.02%	23.18%	23.34%	23.50%

*STC: Irradiance 1000W/m², cell temperature 25°C, AM=1.5. *Tolerance of Pmax is within +/- 3%.

Electrical Characteristics(BSTC**)

Maximum Power (Pmax/W)	780W	785W	790W	795W	800W
Voltage at Maximum Power (Vmp/V)	42.19V	42.34V	42.48V	42.62V	42.77V
Current at Maximum Power (Imp/A)	18.50A	18.55A	18.61A	18.66A	18.72A
Open Circuit Voltage (Voc/V)	49.55V	49.63V	49.72V	49.84V	49.91V
Circuit Current (Isc/A)	19.43A	19.56A	19.70A	19.82A	19.94A

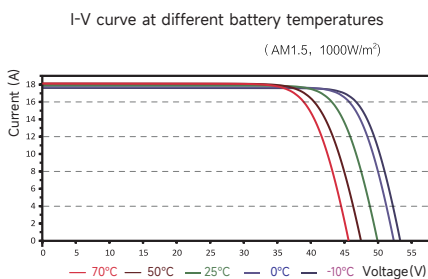
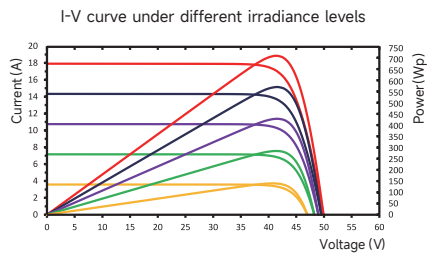
**BSTC: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25°C.

Temperature Ratings (STC)

Power Output Tolerance	0 ~ +5W
Temperature Coefficient of Pmax	-0.24
Temperature Coefficient of Voc	-0.22
Temperature Coefficient of Isc	+0.047
Maximum Series Fuse Rating	35A
Bifaciality	85±5%
Nominal Operating Cell Temperature	43±2°C

Operating Parameters

Maximum System Voltage	DC1500V(IEC)
Operational Temperature	-40 ~ +85°C
Back wind load	2400Pa
Frontal wind load	2400Pa
Frontal snow load	5400Pa



Mechanical Parameters

Type and Size	HJT Solar cell & 210x105mm
Cell Orientation (Pcs)	132(66x2)
Dimension (mm)	2384x1303x35
Cover	Dual glass, 2.0mm
Output Cable (mm)	4mm ² ,300mm in length, length can be customized /UV resistant
Weight (kg)	38.4
Number of Diodes	3
Frame	Aluminum alloy/composite material frame(Color Customization)

Packaging information

	Flatbed truck	Flatbed truck	Container
Size	13 m	17.5 m	40HC
Pallet	18	26	18
Pcs/pallet	31	31	31
Sum Pcs	558	806	558

Security Level&Warranty

Protection Class	Class II
Product Warranty	15-year product quality assurance
Performance Warranty	30-year power output linear warranty

* Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0.320%, and the power is no less than 89.75% until the 30th year.

