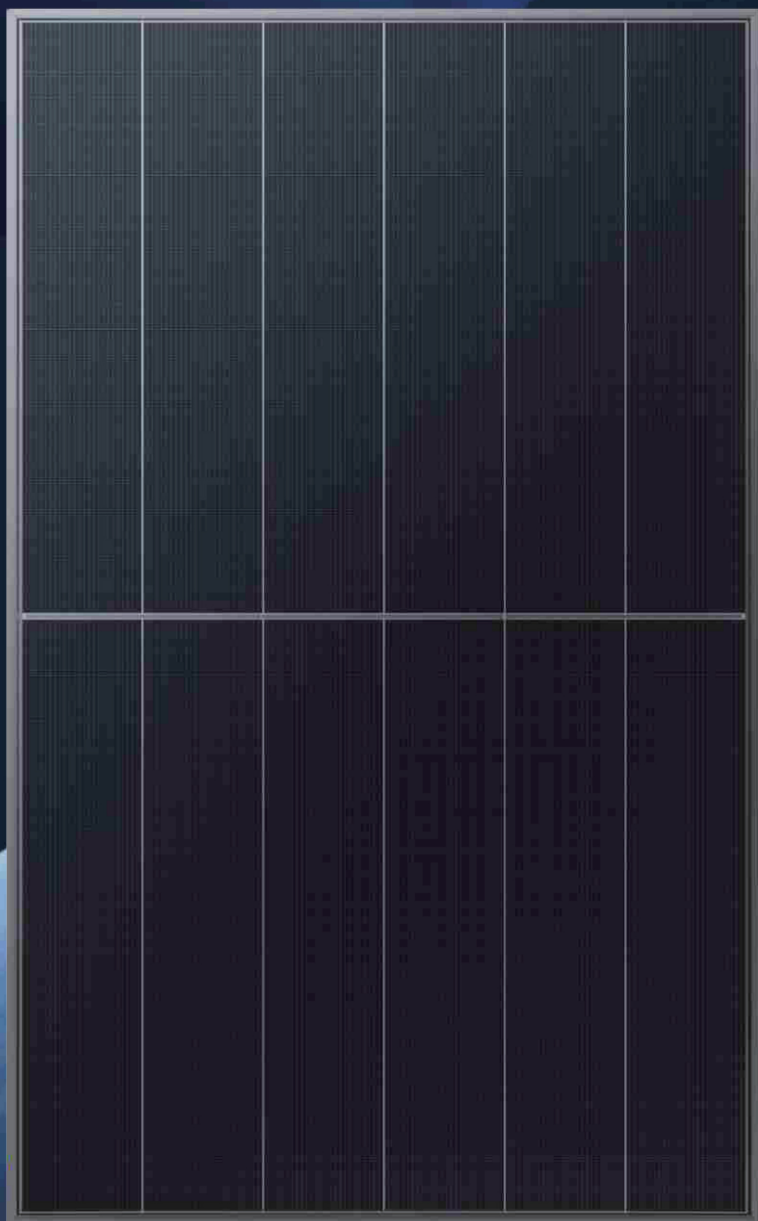


G12-0BB **Uranus Pro** Module

730-765W

Bifacial Dual-Glass HJT Module (BNPI-830W)

2384X1303X33(mm)3.1m²



24.63%



High Efficiency Cell Technology

Bifacial microcrystalline boost module power.



Ultra High Power Generation

High-Density Packaging, low temperature coefficient, low degradation.



Up to 90% Bifacial Rate

High Efficiency module achieved through high bifaciality & innovative design.



Installation Preference

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

· N-type 210mm cell · Fluorine-free products · 0BB cell design · Carbon footprint (383.163g CO₂e/W)



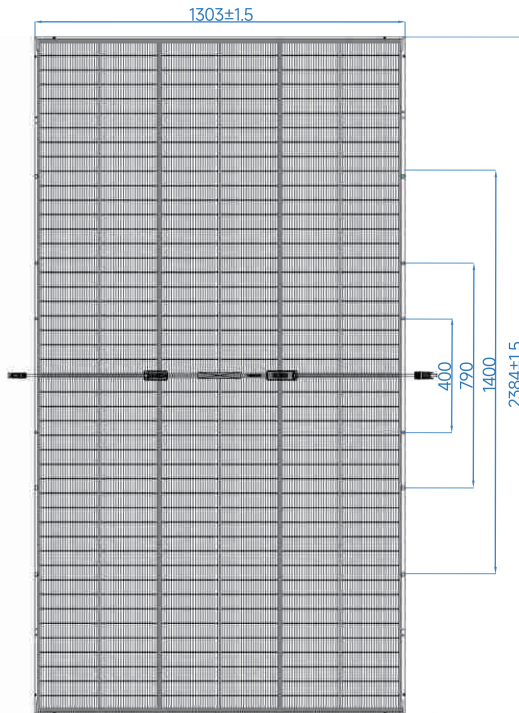
15-year process
Warranty



30-year power
linearity warranty



Module size(mm)



Electrical Characteristics(STC*)

Maximum Power (Pmax/W)	730	735	740	745	750	755	760	765
Voltage at Maximum Power (Vmp/V)	45.71	45.86	46.02	46.17	46.32	46.46	46.61	46.75
Current at Maximum Power (Imp/A)	15.98	16.04	16.09	16.14	16.20	16.26	16.31	16.37
Open Circuit Voltage (Voc/V)	51.72	51.85	51.98	52.11	52.24	52.36	52.49	52.62
Circuit Current (Isc/A)	16.91	16.96	17.00	17.05	17.09	17.14	17.19	17.23
Module Efficiency (η/%)	23.50	23.66	23.82	23.98	24.14	24.31	24.47	24.63

*STC: Irradiance 1000W/m², 25°C, AM1.5G, Measurement tolerance ±3%.

Electrical Characteristics(BNPI**)

Maximum Power (Pmax/W)	810	815	820	825	830	835	840	845
Voltage at Maximum Power (Vmp/V)	45.71	45.86	46.02	46.17	46.32	46.46	46.61	46.75
Current at Maximum Power (Imp/A)	17.73	17.78	17.82	17.87	17.92	17.98	18.03	18.09
Open-Circuit Voltage (Voc/V)	51.72	51.85	51.98	52.11	52.24	52.36	52.49	52.62
Short-Circuit Current (Isc/A)	18.85	18.91	18.95	19.01	19.05	19.11	19.16	19.21

**BNPI: Front side irradiance 1000W/m², back side reflection irradiance 135W/m², AM1.5G, 25°C.

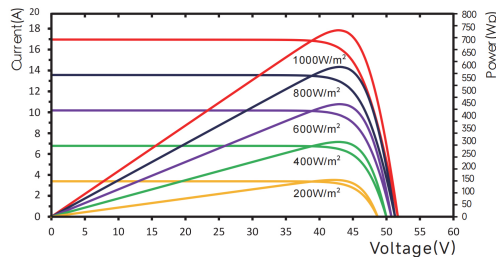
Temperature Coefficient

Temperature Coefficient of Pmax (%/°C)	-0.24
Temperature Coefficient of Voc (%/°C)	-0.22
Temperature Coefficient of Isc (%/°C)	+0.047
Operational Temperature (°C)	-40~+85
Nominal Operational Temperature (°C)	43±2

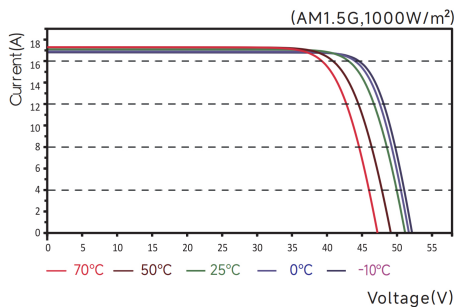
Operating Parameters

Maximum System Voltage (V)	1500V DC
Bifaciality (%)	85±5
Back wind load (Pa)	2400
Frontal snow load (Pa)	5400
Power Output Tolerance (W)	0~+5
Maximum Series Fuse Rating (A)	35

I-V curve at different irradiance levels



I-V curve at different cell temperatures



Mechanical Parameters

Type and Size (mm)	HJT Solar cell & 210x52.5
No. of cells (pcs)	276(12x23)
Dimension (mm)	2384x1303x33
Glass (mm)	2.0mm
Output Cable (mm)	4mm ² , 500mm in length, length can be customized /UV resistant
Weight (kg)	38.4
No. of Diodes (u.)	3
Frame	Aluminum alloy/composite material frame

Packaging information

	Flat bed truck	Flat bed truck	Container
Size	13 m	17.5 m	40HC
Pallet	18	24	18
Pcs/pallet	33	33	33
Sum Pcs	594	792	594

Security Level & Warranty

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

Less than 1% degradation in the 1st year, the annual degradation from the 2nd year is no more than 0.32%, and the power is no less than 89.75% until the 30th year.

