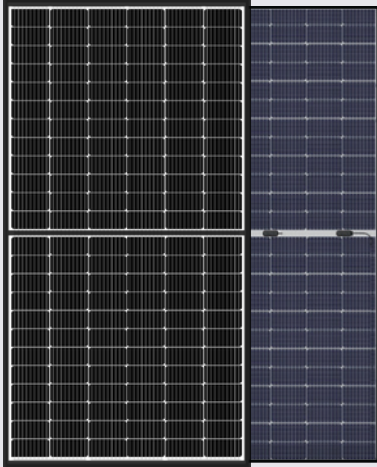
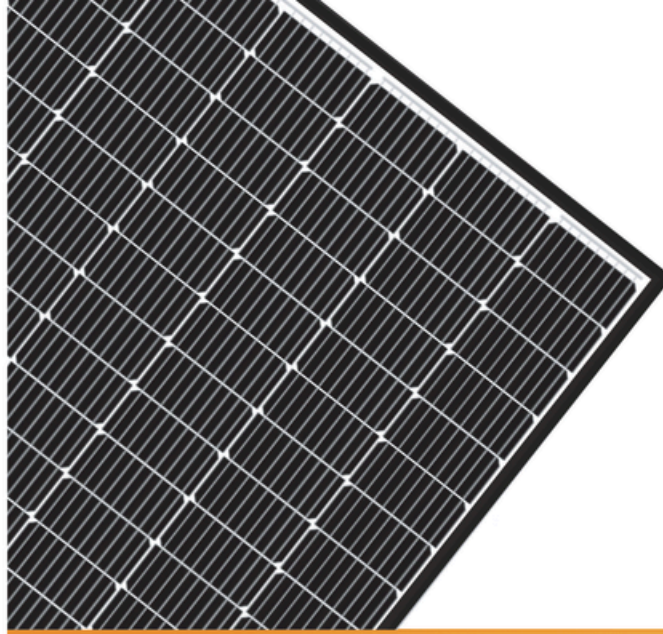




**BULLS CONTRACTOR**



**144 Cells**  
Mono Half-Cut Bifacial  
Double Glass Module

**550W**  
Power output

**22.84%**  
The Highest Efficiency

**±3%**  
Isc, Voc, Pmax Tolerance

## 550W Power output



### Fire class C

Consist of double-glass, with special design cells.  
Outstanding anti-PID performance.



### Elegant appearance & high performance

The bifacial module is of high light transmittance to ensure good performance, an advanced solution that enables more energy generation, light capturing and elegant appearance.



### 1500V system voltage

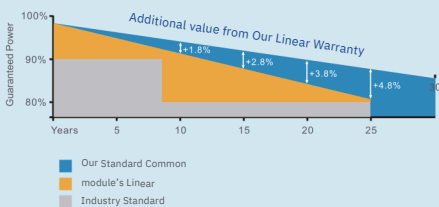
Maximum 1500V DC system voltage , excellent insulation performance and lower total system cost.



### Double-sided power generation, higher income

The dual-glass module has a double-sided ratio of up to 80% gain of 7%-25% on the back side.

## WARRANTIES



12 year

Product warranty on materials and workmanship

30 years

Linear power output warranty

**CERTIFICATES** IEC61215/61730

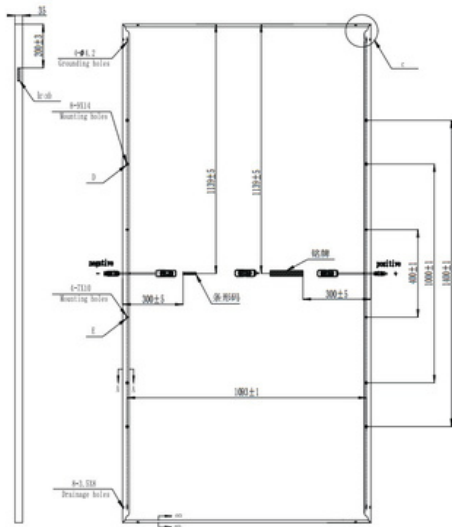


# 550W Power output



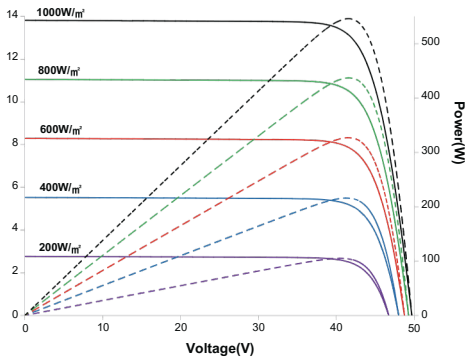
GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

## ASSEMBLY DRAWING (Unit:mm)

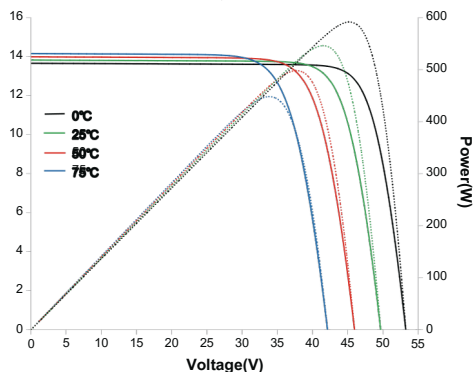


## I-V CURVES

Test temperature 25°C



Irradiance: AM1.5, 1000W/m²



Rated Power in Watts-Pmax(Wp)	550
Open Circuit Voltage-Voc(V)	49.90
Short Circuit Current-Isc(A)	14.00
Maximum Power Voltage-Vmp(V)	41.96
Maximum Power Current-Imp(A)	13.11
Module Efficiency	21.28%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

### ELECTRICAL DATA(NOCT)

Maximum Power-Pmax(Wp)	416
Open Circuit Voltage-Voc (V)	46.68
Short Circuit Current-Isc(A)	11.17
Maximum Power Voltage-Vmp(V)	39.43
Maximum Power Current-Imp(A)	10.55

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

### INTEGRATED POWER @STC(REFERENCE TO 10%)

Rated Power in Watts-Pmax(Wp)	605
Open Circuit Voltage-Voc(V)	54.89
Short Circuit Current-Isc(A)	15.40
Maximum Power Voltage-Vmp(V)	46.16
Maximum Power Current-Imp(A)	14.42
Module Efficiency	23.41%

### MECHANICAL DATA

Solar cells	Mono-crystalline 182*91mm
Cell configuration	144cells(6*24)
Module dimensions	2279*1134*30mm
Weight	31.5kg
Frame	Anodised Aluminum
Front Cover	2.0+2.0mm Tempered Glass
J-BOX	IP68, 3 bypass diodes
Cable	4.0mm², 300mm

### TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature(NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.045%/°C
Temperature Coefficient of Pmp	-0.30%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(DC)/1500V(DL)
Max Series Fuse Rating	30A
Max. Wind Load / Snow Load	2400pa/5400pa
Fire Rating	Class C, Type 29

### PACKAGING CONFIGURATION

Container 40'HQ	720pcs
Quantity / Pallet	36pcs