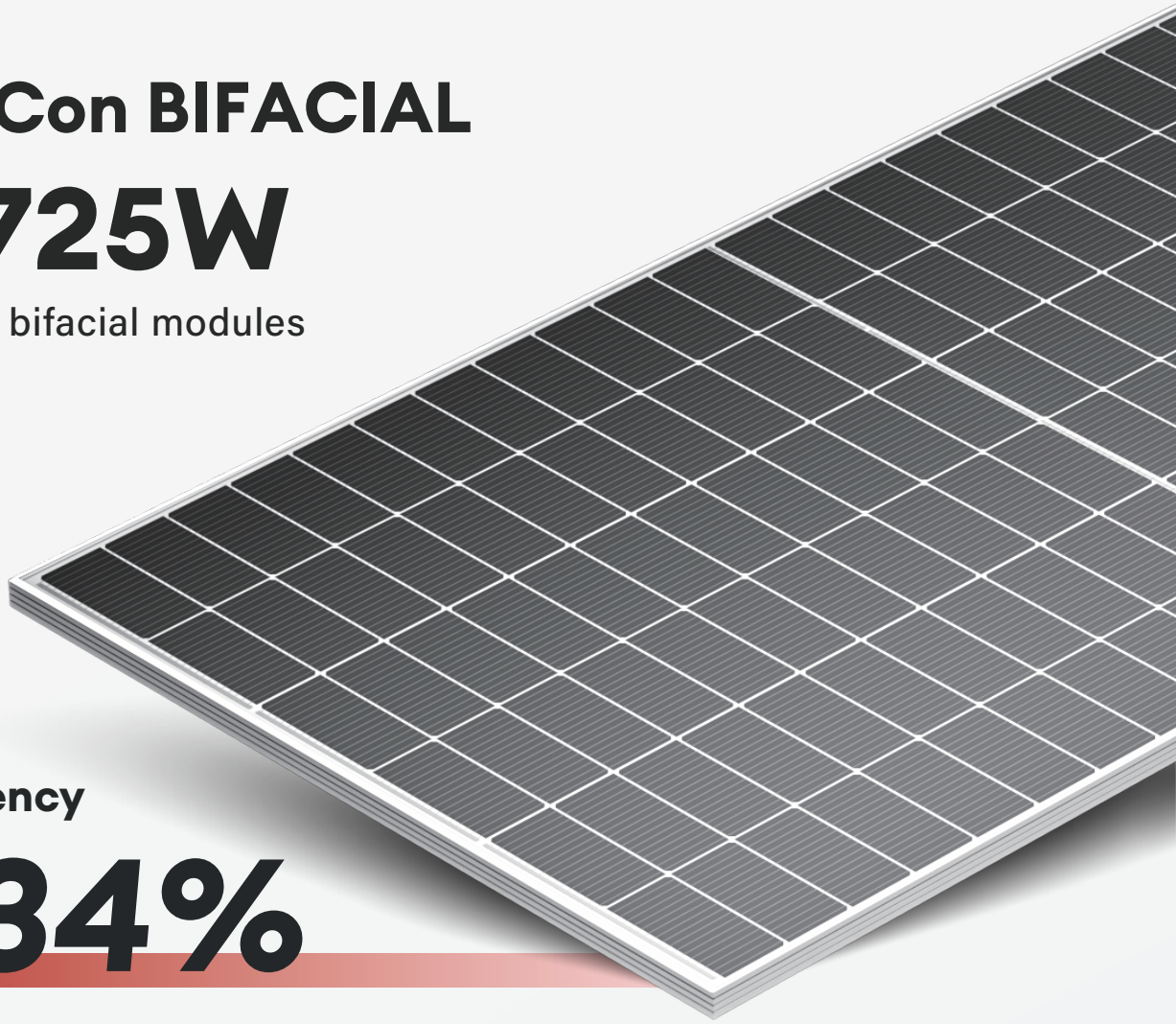


## 210 TOPCon BIFACIAL

# 710-725W

High efficiency bifacial modules



Module efficiency

# 23.34%



WITHSTAND STRONG



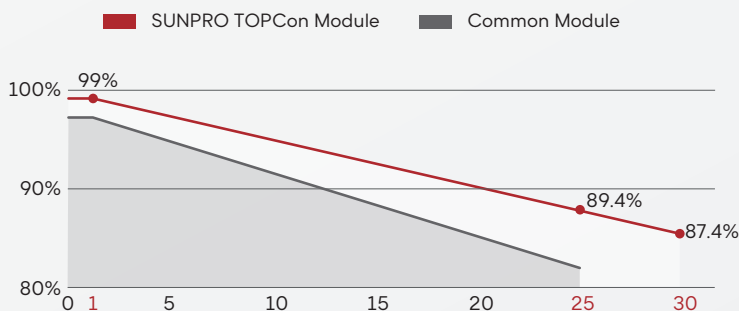
PID RESISTANCE



AUTOMATIC PRODUCTION



HIGH EFFICIENCY



### WARRANTY

Quality Guarantee **25 years**

Power Warranty **30 years**

### CERTIFICATE



## ELECTRIC CHARACTERISTICS

## SPDG (710/725W)-N132M12

| Model of modules             | SPDG710N132M12 |        | SPDG715-N132M12 |       | SPDG720-N132M12 |       | SPDG725-N132M12 |       |
|------------------------------|----------------|--------|-----------------|-------|-----------------|-------|-----------------|-------|
|                              | STC            | NMOT   | STC             | NMOT  | STC             | NMOT  | STC             | NMOT  |
| Power ( Pmax/W )             | 710            | 537.90 | 715             | 541.9 | 720             | 546   | 725             | 549.9 |
| Maximu power current ( Vmp ) | 40.88          | 38.40  | 41.07           | 38.6  | 41.27           | 38.8  | 41.46           | 39    |
| Maximu power current ( Imp ) | 17.37          | 14.01  | 17.41           | 14.04 | 17.45           | 14.07 | 17.49           | 14.11 |
| Open circuit voltage ( Voc ) | 48.65          | 46.20  | 48.84           | 46.4  | 49.03           | 46.6  | 49.23           | 46.8  |
| Short circuitcurrent ( Isc ) | 18.4           | 14.80  | 18.44           | 14.83 | 18.48           | 14.86 | 18.52           | 14.9  |
| Module efficiency            | 22.86%         |        | 23.02%          |       | 23.18%          |       | 23.34%          |       |

STC ( Electrical parameters at standard test conditions (STC:AM=1.5, 1000W/m<sup>2</sup>, Cells Temperature25°C )

NMOT ( Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C,AM1.5,Wind Speed 1m/s )

## ELECTRICAL CHARACTERISTICS WITH 15% REAR SIDE POWER GAIN

|                              |        |        |        |        |
|------------------------------|--------|--------|--------|--------|
| Front power Pmax/W           | 816.50 | 822.25 | 828.00 | 833.75 |
| Maximu power voltage ( Vmp ) | 40.88  | 41.07  | 41.27  | 41.46  |
| Maximu power current ( Imp ) | 19.97  | 20.02  | 20.06  | 20.11  |
| Open circuit voltage ( Voc ) | 48.65  | 48.84  | 49.03  | 49.23  |
| Short circuitcurrent ( Isc ) | 21.16  | 21.21  | 21.25  | 21.30  |

## STRUCTURAL CHARACTERISTICS

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Module size (L*W*H)   | 2384x1303x33mm                                  |
| Weight                | 37.5kg                                          |
| Cell                  | 132 cells,N type Mono-Crystalline , 210mm×105mm |
| Front glass           | 2.0mm , Anti-Reflection Coating                 |
| Back glass            | 2.0mm , Heat Strengthened Glass                 |
| Frame                 | Anodized aluminum alloy                         |
| Junction box          | IP68 , 3 bypass diodes                          |
| Output wire           | 4mm <sup>2</sup>                                |
| Wire length           | Line length 1300mm/customized                   |
| Connector             | MC4 Compatible                                  |
| Packing Specification | 33 pcs/Pallet ; 594 pcs/40' HQ                  |

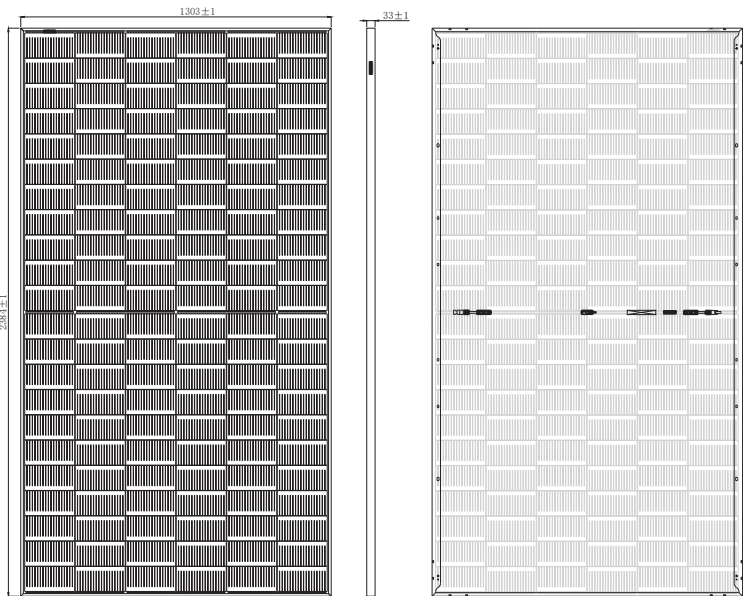
## OPERATING PARAMETERS

|                                   |                 |
|-----------------------------------|-----------------|
| Power tolerance (W)               | (0~+5W)         |
| Maximum system voltage (V)        | 1500V           |
| Maximum rated fuse current (A)    | 35A             |
| Current operating temperature (C) | -40~+85°C       |
| Mechanical load                   | +5400Pa/-2400Pa |

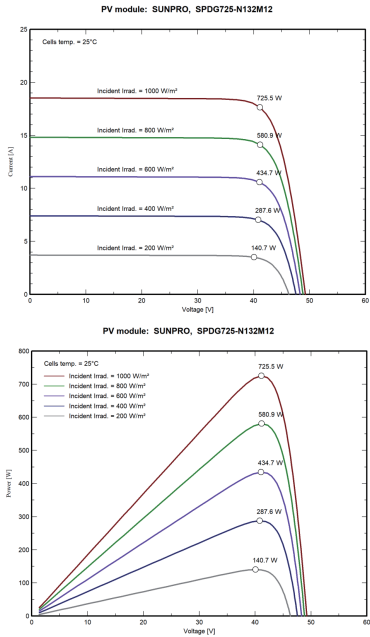
## TEMPERATURE CHARACTERISTICS

|                                  |             |
|----------------------------------|-------------|
| Temp. Coeff. of Isc (TK Isc)     | 0.045% / °C |
| Temp. Coeff. of Voc (TK Voc)     | -0.25% / °C |
| Temp. Coeff. of Pmax (TK Pmax)   | -0.30% / °C |
| Normal Operting Cell Temperature | 45±2°C      |

## MODULE DIMENSIONS(MM)



## I-V CHARACTERISTICS AT DIFFERENT IRRADIATION



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\*The above parameters are for reference only, and the actual parameters of the factory shall prevail