

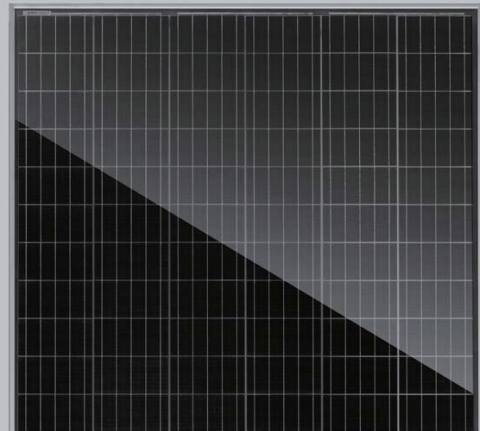
# Swan Bifacial HC 72M 385-405 Watt

## MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2015, ISO14001:2015, ISO45001:2018  
certified factory.

IEC61215, IEC61730, certified products.



## KEY FEATURES



### 5 Busbar Solar Cell

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



### PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



### Higher Lifetime Power Yield:

0.55% annual power degradation  
30 year linear power warranty



### Light-weight design:

Light-weight design using transparent backsheet for easy installation and low BOS cost.



### Higher power output:

Module power increases 5-25% generally (per different reflective condition)  
lower LCOE and higher IRR



### Better low-light performance:

Excellent performance in low-light environments  
(e.g. early morning, dusk, and cloud, etc.)

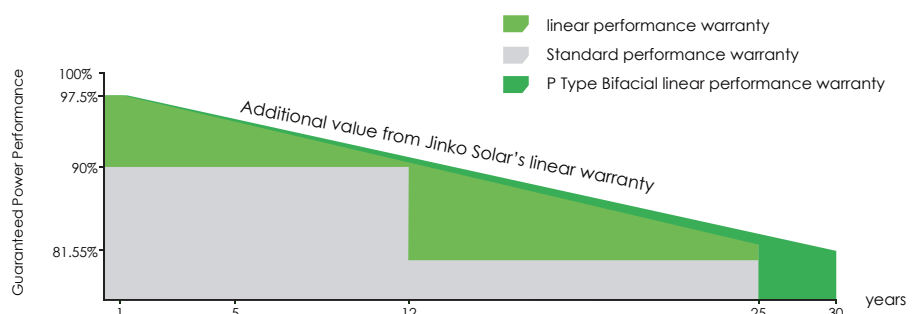


JKM395M-72H-TV - 0,28 €/W без ДДС

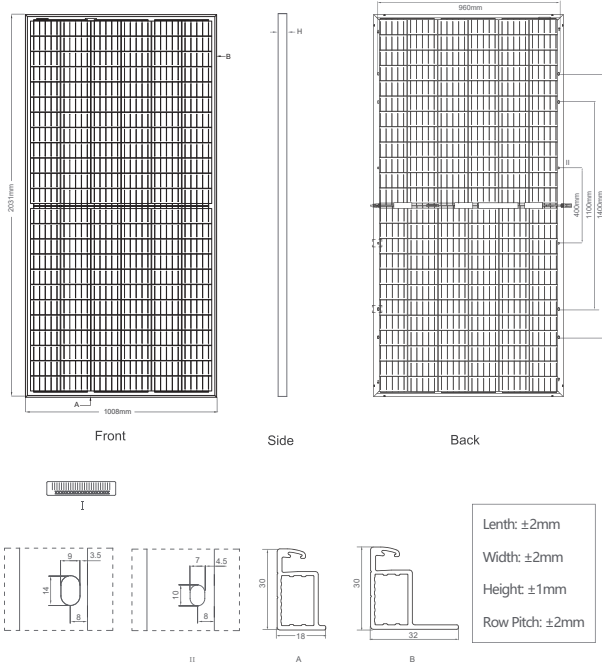


## LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 30 Year Linear Power Warranty  
0.55% Annual Degradation Over 30 years



## Engineering Drawings

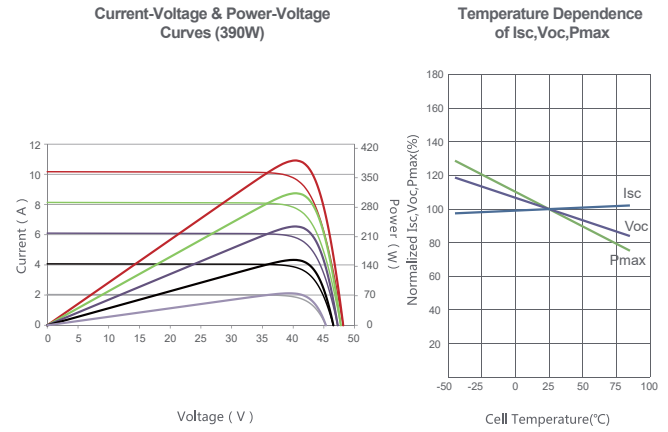


## Packaging Configuration

( Two pallets = One stack )

35pcs/pallets, 70pcs/stack, 770pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

|               |                                                                             |
|---------------|-----------------------------------------------------------------------------|
| Cell Type     | Mono PERC 158.75×158.75mm                                                   |
| No.of cells   | 144 (6×24)                                                                  |
| Dimensions    | 2031×1008×30mm (79.96×39.69×1.18 inch)                                      |
| Weight        | 22.3 kg (49.2 lbs)                                                          |
| Front Glass   | 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass |
| Frame         | Anodized Aluminium Alloy                                                    |
| Junction Box  | IP67 Rated                                                                  |
| Output Cables | TUV 1×4.0mm <sup>2</sup><br>(+): 250mm, (-): 150 mm or Customized Length    |

## SPECIFICATIONS

| Module Type                               | JKM385M-72H-TV |        | JKM390M-72H-TV |        | JKM395M-72H-TV |        | JKM400M-72H-TV |        | JKM405M-72H-TV |        |
|-------------------------------------------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|
|                                           | STC            | NOCT   | STC            | NOCT   | STC            | NOCT   | STC            | NOCT   | STC            | NOCT   |
| Maximum Power (Pmax)                      | 385Wp          | 286Wp  | 390Wp          | 290Wp  | 395Wp          | 293Wp  | 400Wp          | 297Wp  | 405Wp          | 301Wp  |
| Maximum Power Voltage (Vmp)               | 39.50V         | 36.88V | 39.62V         | 37.22V | 39.83V         | 37.55V | 40.01V         | 37.64V | 40.19V         | 37.77V |
| Maximum Power Current (Imp)               | 9.76A          | 7.75A  | 9.84A          | 7.78A  | 9.92A          | 7.81A  | 10.00A         | 7.89A  | 10.08A         | 7.96A  |
| Open-circuit Voltage (Voc)                | 48.10V         | 45.30V | 48.14V         | 45.34V | 48.26V         | 45.45V | 48.35V         | 45.54V | 48.45V         | 45.63V |
| Short-circuit Current (Isc)               | 10.08A         | 8.14A  | 10.17A         | 8.21A  | 10.23A         | 8.26A  | 10.32A         | 8.34A  | 10.42A         | 8.41A  |
| Module Efficiency STC (%)                 | 18.81%         |        | 19.05%         |        | 19.29%         |        | 19.54%         |        | 19.78%         |        |
| Operating Temperature(°C)                 | -40°C~-85°C    |        |                |        |                |        |                |        |                |        |
| Maximum system voltage                    | 1500VDC (IEC)  |        |                |        |                |        |                |        |                |        |
| Maximum series fuse rating                | 25A            |        |                |        |                |        |                |        |                |        |
| Power tolerance                           | 0~+3%          |        |                |        |                |        |                |        |                |        |
| Temperature coefficients of Pmax          | -0.35%/°C      |        |                |        |                |        |                |        |                |        |
| Temperature coefficients of Voc           | -0.29%/°C      |        |                |        |                |        |                |        |                |        |
| Temperature coefficients of Isc           | 0.048%/°C      |        |                |        |                |        |                |        |                |        |
| Nominal operating cell temperature (NOCT) | 45±2°C         |        |                |        |                |        |                |        |                |        |
| Refer. Bifacial Factor                    | 70±5%          |        |                |        |                |        |                |        |                |        |

## BIFACIAL OUTPUT-REARSIDE POWER GAIN

|     |                           | JKM385M-72H-TV | JKM390M-72H-TV | JKM395M-72H-TV | JKM400M-72H-TV | JKM405M-72H-TV |
|-----|---------------------------|----------------|----------------|----------------|----------------|----------------|
| 5%  | Maximum Power (Pmax)      | 404Wp          | 410Wp          | 415Wp          | 420Wp          | 425Wp          |
|     | Module Efficiency STC (%) | 19.75%         | 20.00%         | 20.26%         | 20.52%         | 20.77%         |
| 15% | Maximum Power (Pmax)      | 443Wp          | 449Wp          | 454Wp          | 460Wp          | 466Wp          |
|     | Module Efficiency STC (%) | 21.63%         | 21.91%         | 22.19%         | 22.47%         | 22.75%         |
| 25% | Maximum Power (Pmax)      | 481Wp          | 488Wp          | 494Wp          | 500Wp          | 506Wp          |
|     | Module Efficiency STC (%) | 23.51%         | 23.81%         | 24.12%         | 24.42%         | 24.73%         |

\* STC: Irradiance 1000W/m<sup>2</sup> Cell Temperature 25°C

NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C

\* Power measurement tolerance: ± 3%

AM=1.5

AM=1.5

Wind Speed 1m/s

The company reserves the final right for explanation on any of the information presented hereby. JKM385-405M-72H-TV-A3.1(2)-EN-F30