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Solar Panel Guide Specification Data Sheet

**Jinko Solar Holding Co., Ltd.
Swan Bifacial 72H 385-405W With Frame
JKM385M-72H-BDVP**

Also available on the web at
EnergyPal.com/jinko-solar-holding-co-ltd-solar-panels/jkm385m-72h-bdvp

Swan Bifacial 72H 385-405 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory.

IEC61215, IEC61730, UL1703 certified products.



PERC



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

0.5% annual power degradation
30 year linear power warranty



Saving BOS Cost

Designed for high voltage systems of up to 1500 VDC, saving 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.)

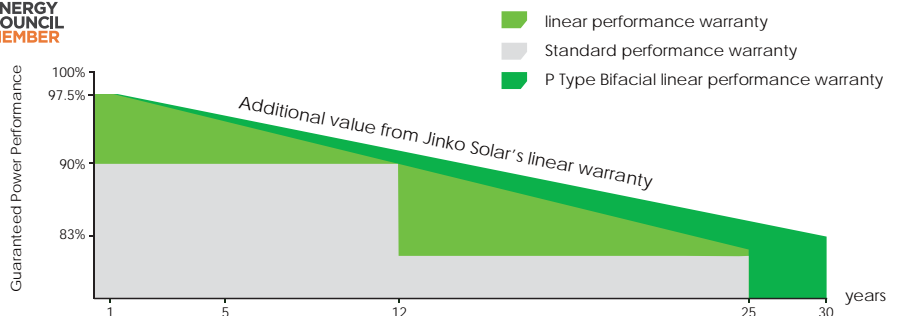


Strengthened Mechanical Support

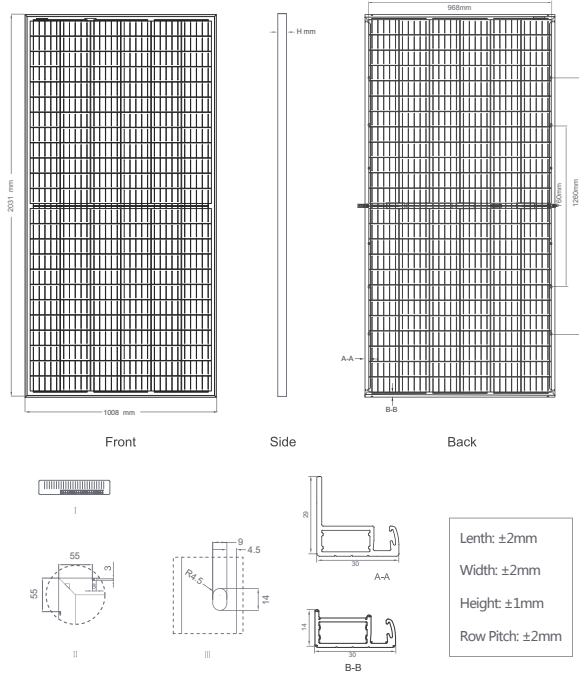
5400 Pa snow load, 2400 Pa wind load

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 30 Year Linear Power Warranty
0.5% Annual Degradation Over 30 years



Engineering Drawings

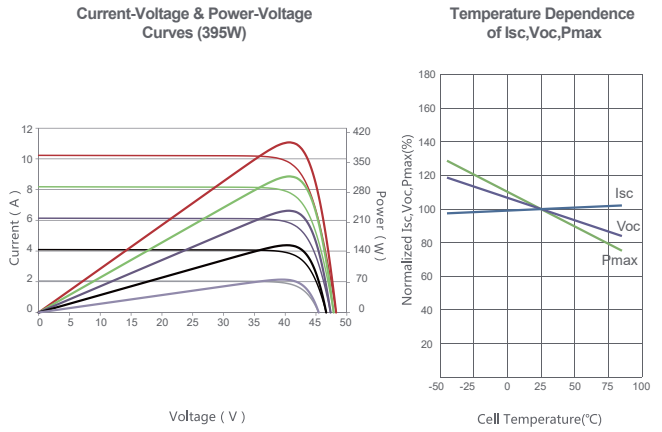


Packaging Configuration

(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 | 26.6kg (58.64 lbs) |
| Front Glass | 2.0mm, Anti-Reflection Coating |
| Back Glass | 2.0mm heat strengthened glass |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP67 Rated |
| Output Cables | TUV 1×4.0mm ² (+): 250mm, (-): 150mm or customized length |

SPECIFICATIONS

| Module Type | JKM385M-72H-BDVP | | JKM390M-72H-BDVP | | JKM395M-72H-BDVP | | JKM400M-72H-BDVP | | JKM405M-72H-BDVP | |
|---|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax) | 385Wp | 285Wp | 390Wp | 289Wp | 395Wp | 293Wp | 400Wp | 296Wp | 405Wp | 300Wp |
| Maximum Power Voltage (Vmp) | 40.3V | 36.6V | 40.6V | 36.8V | 40.8V | 37.0V | 41.0V | 37.2V | 41.2V | 37.4V |
| Maximum Power Current (Imp) | 9.56A | 7.80A | 9.62A | 7.86A | 9.69A | 7.92A | 9.76A | 7.97A | 9.83A | 8.03A |
| Open-circuit Voltage (Voc) | 48.1V | 44.2V | 48.3V | 44.4V | 48.5V | 44.6V | 48.8V | 44.8V | 49.0V | 45.0V |
| Short-circuit Current (Isc) | 10.04A | 8.13A | 10.11A | 8.18A | 10.17A | 8.24A | 10.24A | 8.29A | 10.30A | 8.34A |
| 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 | 20A | | | | | | | | | |
| 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-BDVP | JKM390M-72H-BDVP | JKM395M-72H-BDVP | JKM400M-72H-BDVP | JKM405M-72H-BDVP |
|-----|---------------------------|------------------|------------------|------------------|------------------|------------------|
| 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/m² Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: ± 3%

The company reserves the final right for explanation on any of the information presented hereby.
SWAN DG JKM385-405M-72H-BDVP-F30-A1-EN