

Eagle Bifacial 60

295-315 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0- +3%

ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.
IEC61215、IEC61730 certified products.



(PERT)

(5BB)



KEY FEATURES



PID Resistance

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



Low LID:

N-type module with low LID to guarantee PV system output.



Higher Lifetime Power Yield:

Superior Warranty: 30years performance warranty, 0.4% linear power degradation



Saving BOS Cost:

Designed for high voltage systems of up to 1500 VDC, saving BOS cost



Higher power output:

Module power increases 5-30% generally (per different reflective condition)



Better low-light performance:

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



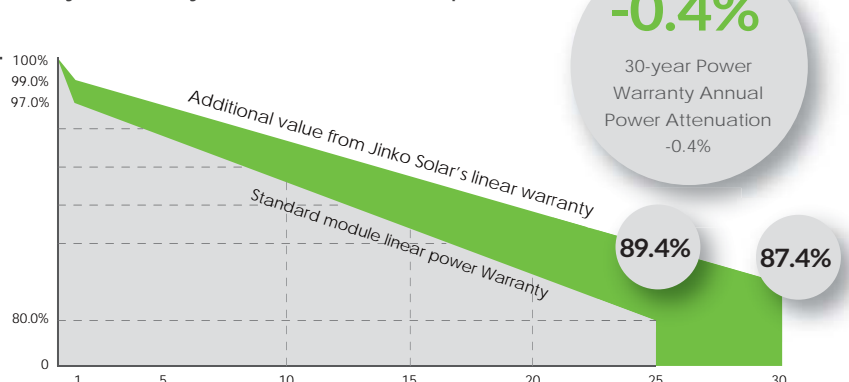
Strengthened Mechanical Support:

Certified to withstand: wind load (2400pascal) and snow load(5400Pascal)

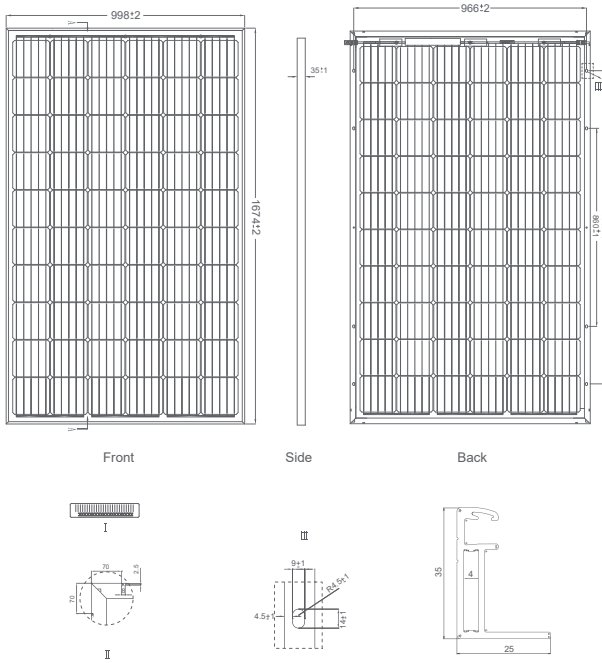


LINEAR PERFORMANCE WARRANTY

10-year Warranty for Materials and Processing;
30-year Warranty for Extra Linear Power Output



Engineering Drawings



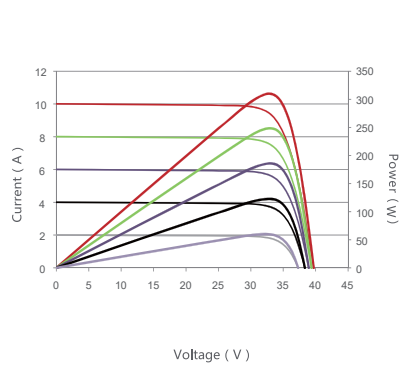
Packaging Configuration

(Two pallets = One stack)

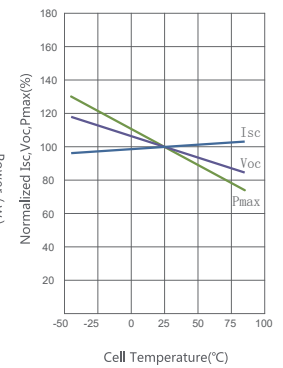
30pcs/pallet , 60pcs/stack, 780pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (310W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	N type Mono-crystalline 156×156mm (6 inch)
No. of cells	60 (6×10)
Dimensions	1674×998×35mm (65.90×39.29×1.38 inch)
Weight	26.0kg (57.4 lbs)
Front Glass	2.5mm, High transmission, Antireflection coating, heat strengthened glass
Back Glass	2.5mm heat strengthened glass
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm ² , positive – 250mm, negative- 150mm or customized length
Frame	Anodized Aluminium Alloy

SPECIFICATIONS

Module Type	JKM295M-60-BDV		JKM300M-60-BDV		JKM305M-60-BDV		JKM310M-60-BDV		JKM315M-60-BDV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	295Wp	219Wp	300Wp	223Wp	305Wp	227Wp	310Wp	230Wp	315Wp	234Wp
Maximum Power Voltage (Vmp)	32.1V	29.2V	32.3V	29.4V	32.5V	29.6V	32.7V	29.7V	32.9V	29.9V
Maximum Power Current (Imp)	9.20A	7.51A	9.30A	7.59A	9.39A	7.68A	9.49A	7.75A	9.58A	7.82A
Open-circuit Voltage (Voc)	39.3V	36.2V	39.5V	36.4V	39.7V	36.6V	39.9V	36.7V	40.1V	37.8V
Short-circuit Current (Isc)	9.82A	7.95A	9.92A	8.03A	10.02A	8.12A	10.11A	8.18A	10.21A	8.27A
Module Efficiency STC (%)	17.66%		17.96%		18.26%		18.56%		18.85%	
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	-0.38%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	46±2°C									
Refer. Bifacial Factor	90±3%									

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%