

Cheetah Plus HC 66MB 345-365 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono PERC 66 Cell



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.



High Efficiency

Higher module conversion efficiency (up to 19.88%) benefit from half cell structure (low resistance characteristic).



PID Resistance

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



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



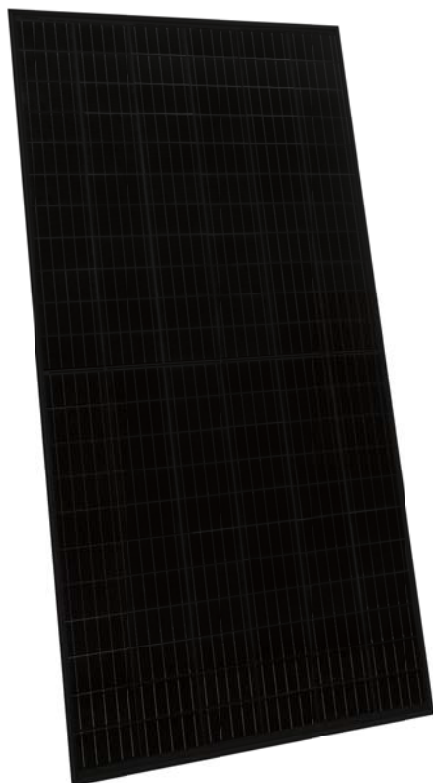
Severe Weather Resilience

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



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.



LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty

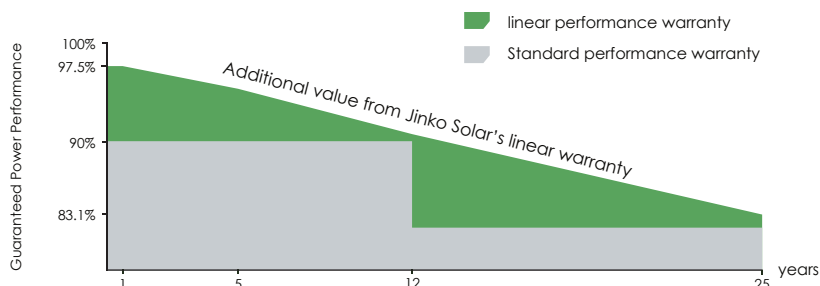


- ISO9001:2015, ISO14001:2015, ISO45001:2018 certified factory
- IEC61215, IEC61730 certified product

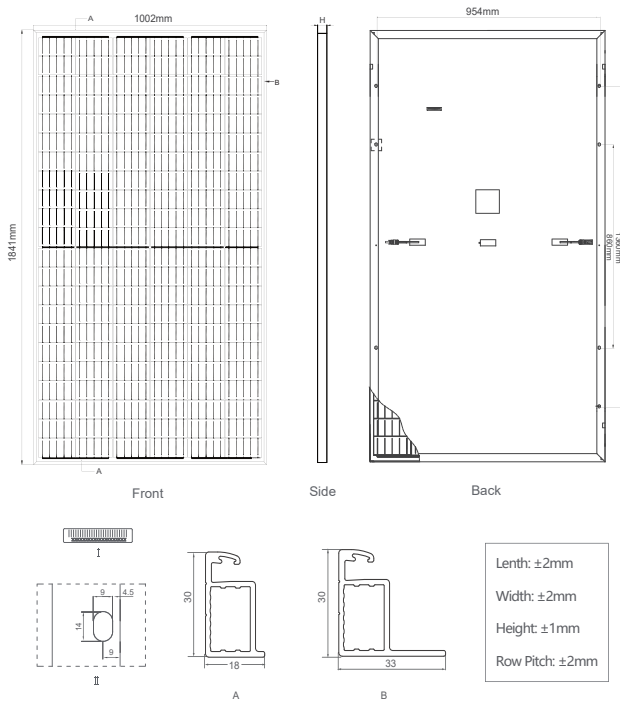
Nomenclature:

JKMxxxM-66/78HB-V

Code	Cell	Code	Frame	Code	Certification
null	Full	null	Silver	null	1000V
H	Half	B	B	V	1500V



Engineering Drawings



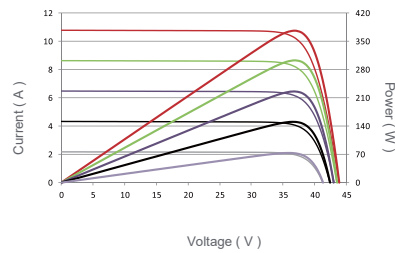
Packaging Configuration

(Two pallets = One stack)

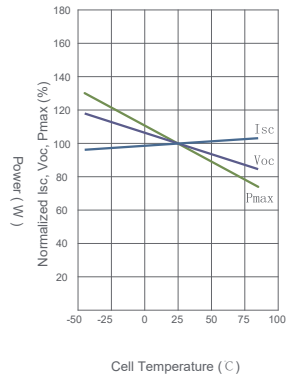
24pcs/pallet, 48pcs/stack, 840pcs/40' HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (375W)



Temperature Dependence of I_{sc} , V_{oc} , P_{max}



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No. of cells	132 (6×22)
Dimensions	1841×1002×30mm (72.48×39.45×1.18 inch)
Weight	20.0 kg (44.09 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 ² (+): 290mm, (-): 145 mm or Customized Length

SPECIFICATIONS

Module Type	JKM345M-66HB		JKM350M-66HB		JKM355M-66HB		JKM360M-66HB		JKM365M-66HB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	345Wp	257Wp	350Wp	260Wp	355Wp	264Wp	360Wp	268Wp	365Wp	272Wp
Maximum Power Voltage (Vmp)	36.63V	33.51V	36.69V	33.60V	36.76V	33.69V	36.81V	33.78V	36.87V	33.82V
Maximum Power Current (Imp)	9.42A	7.66A	9.54A	7.75A	9.66A	7.84A	9.78A	7.93A	9.90A	8.03A
Open-circuit Voltage (Voc)	43.63V	41.09V	43.65V	41.12V	43.68V	41.14V	43.70V	41.16V	43.73V	41.19V
Short-circuit Current (Isc)	10.13A	8.18A	10.25A	8.28A	10.37A	8.38A	10.49A	8.47A	10.61A	8.57A
Module Efficiency STC (%)	19.24%		19.52%		19.79%		20.06%		20.33%	
Operating Temperature(°C)					-40°C~-+85°C					
Maximum system voltage					1000VDC (IEC)					
Maximum series fuse rating					20A					
Power tolerance					0~+3%					
Temperature coefficients of Pmax					-0.35%/°C					
Temperature coefficients of Voc					-0.28%/°C					
Temperature coefficients of Isc					0.048%/°C					
Nominal operating cell temperature (NOCT)					45±2°C					

* 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: $\pm 3\%$