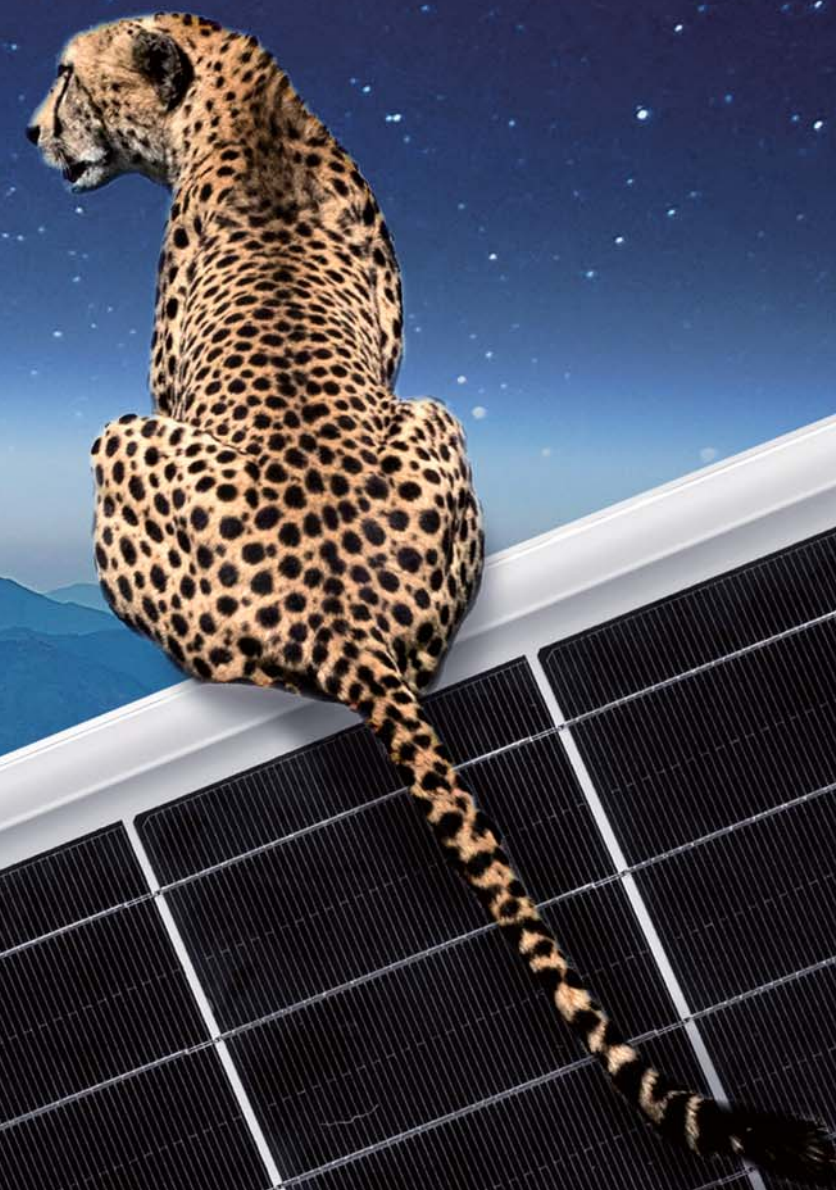
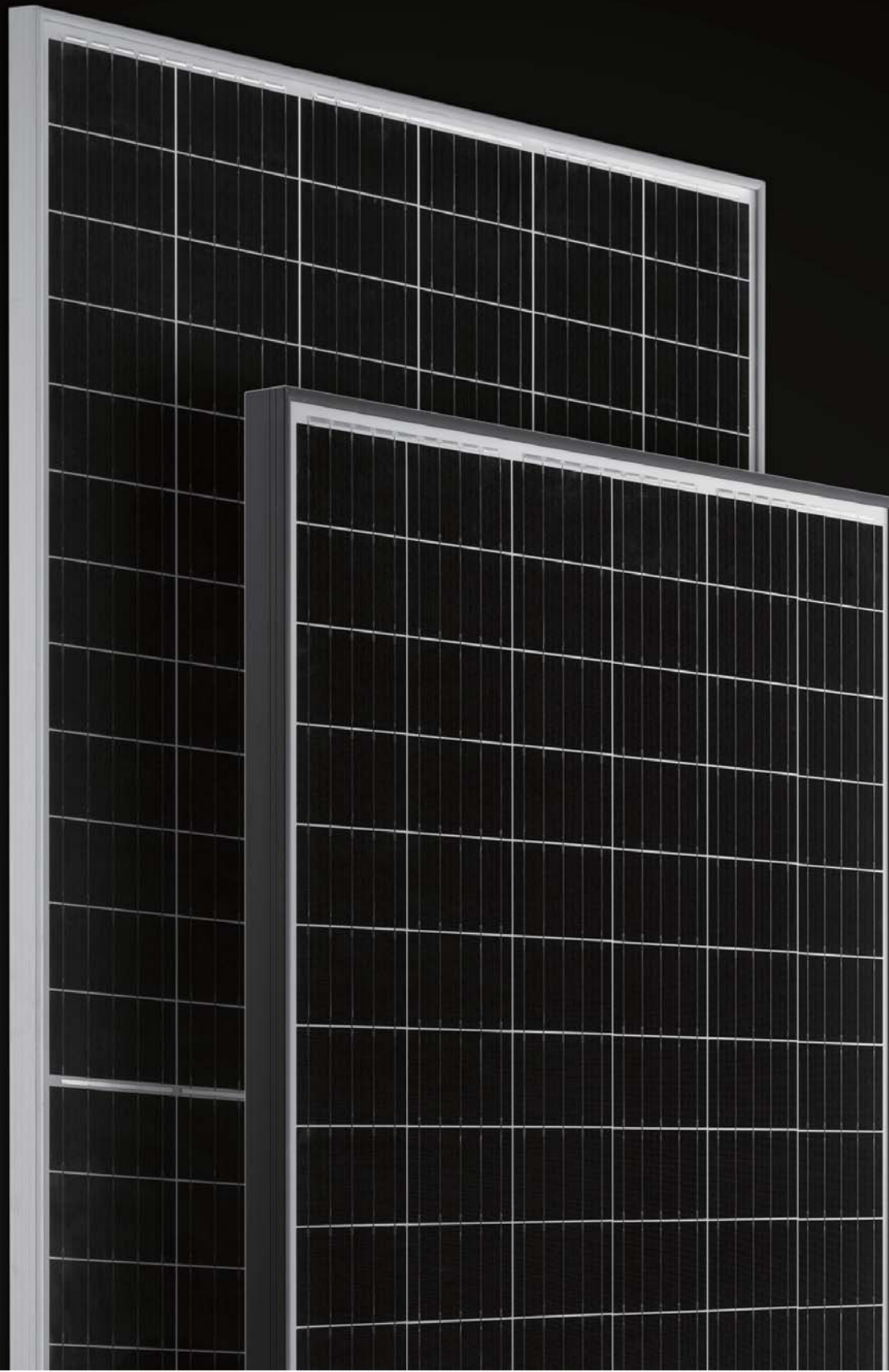


Cheetah



Cheetah

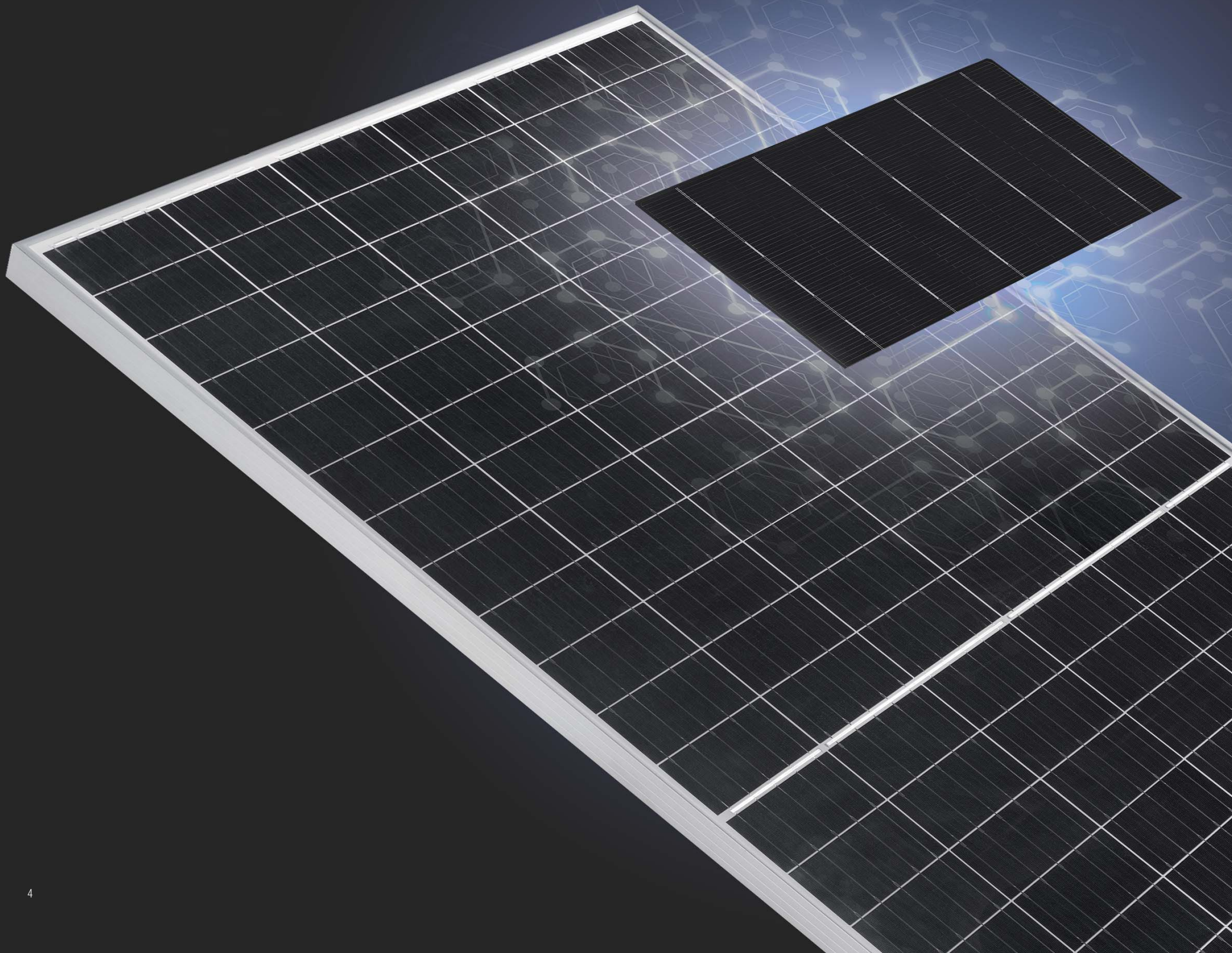


410/445W

**All-New
Cheetah Series**

**The Ultra High
Performance
Era Has Begun.**

Cheetah



Half-Cell Design

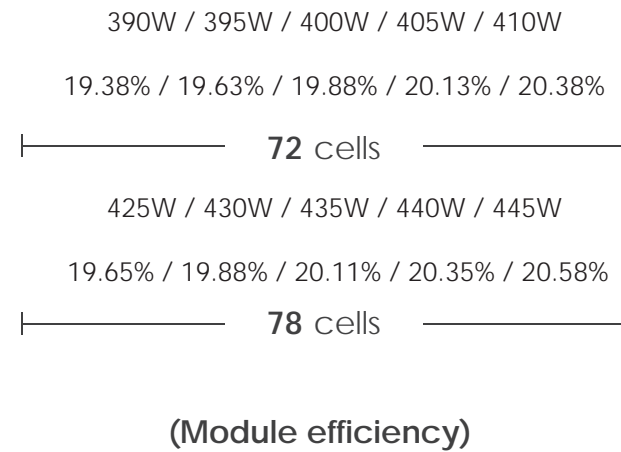
Minimizing LCOE and
Maximizing IRR

Cheetah

Double the Protection

High Performance Under
Extreme Environmental
Conditions

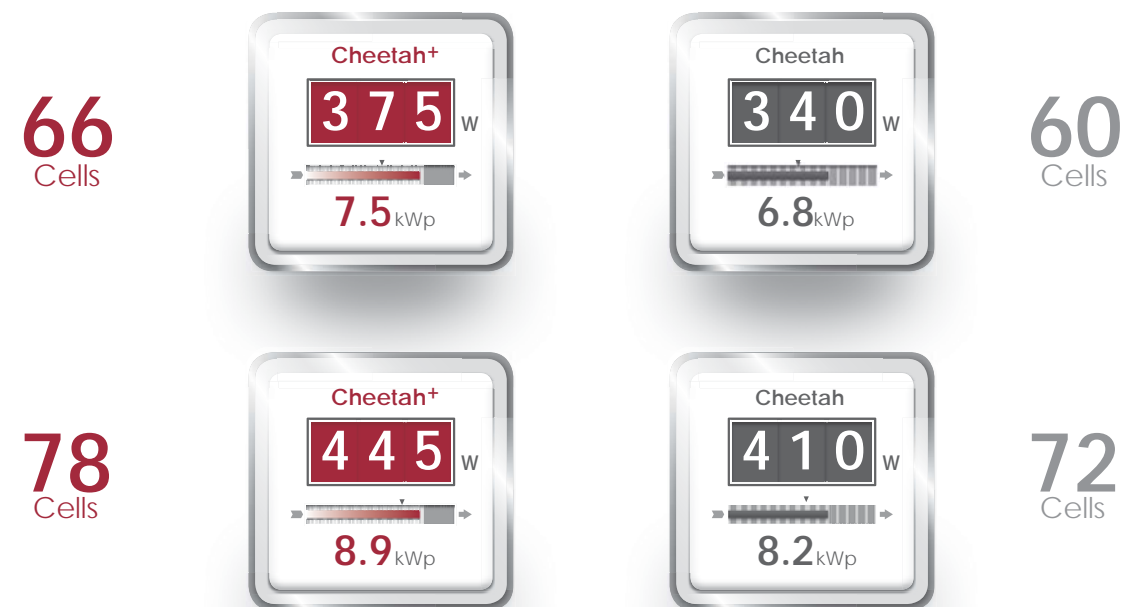
To achieve grid parity, JinkoSolar pursued the development of advanced PV technologies, thereby reducing the cost of renewable energy. Cheetah fulfils this purpose via its ultra-high module efficiency.



More Power Generation

Now you can have one of the most powerful (and one of the most economically feasible) solar panels that are commercially available for purchase today. With power up to 410/445 Wp, Cheetah will maximize your PV system capacity, generating more energy over 25 years and maximizing the customer's economic returns.

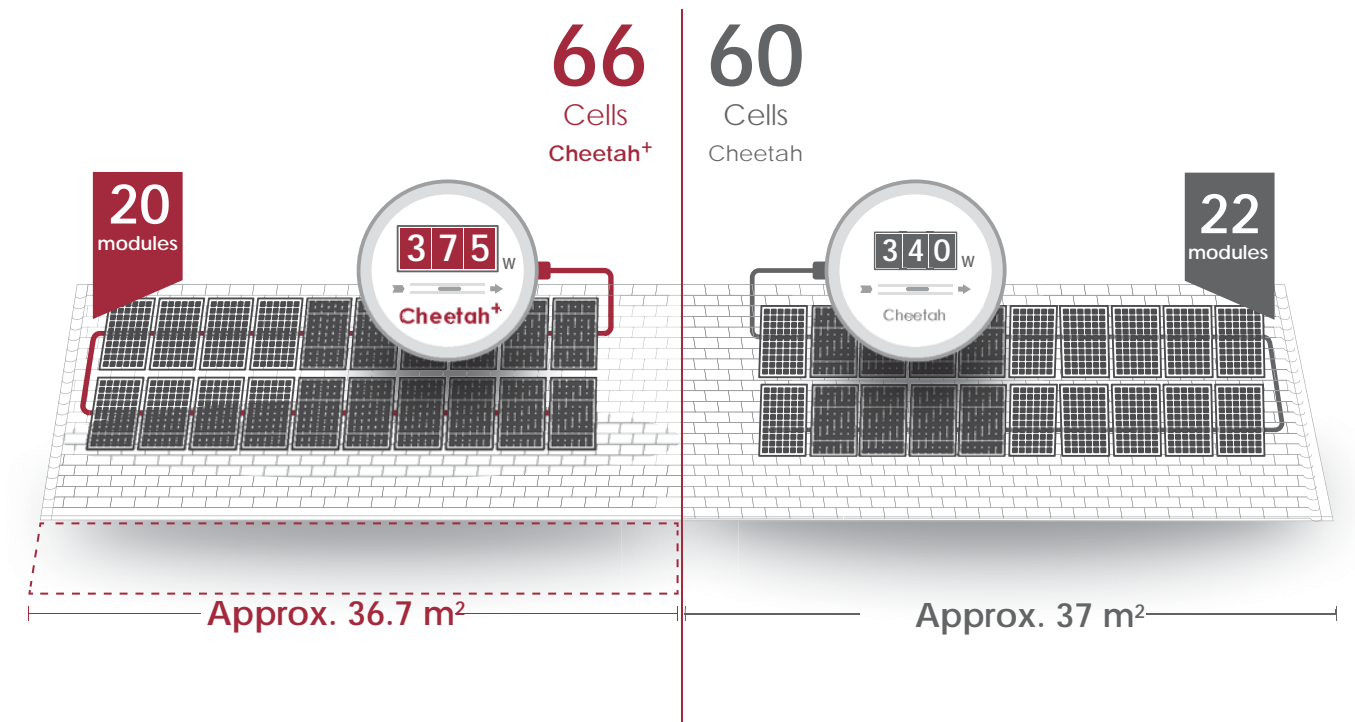
Capacity of a sample solar power system with 20 modules



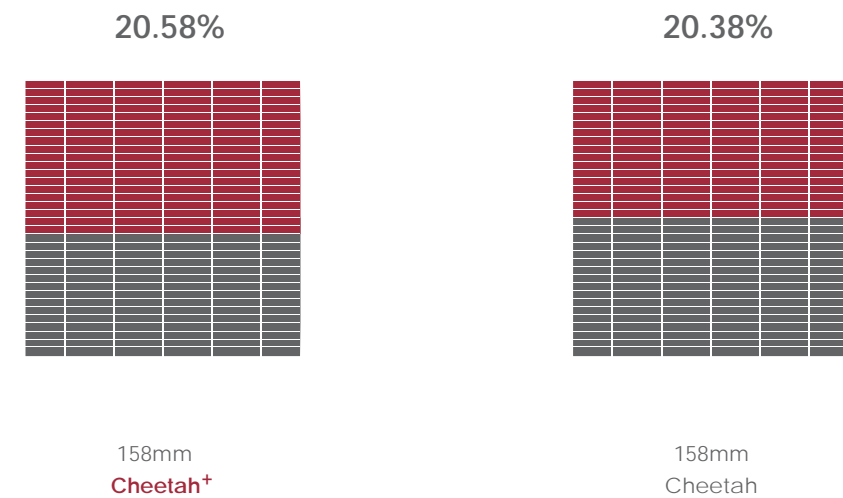
More Power in Less Space

Cheetah's ultra high output occupies less area for a given power output goal. With more watts on the roof, power density is improved and the installation costs per watt are significantly reduced.

Side-by-side comparison for a sample 7.5kW rooftop system



High Module Efficiency



More Power, Less Cost

	Cheetah ⁺ 435Wp	Cheetah 400Wp
Module Efficiency	20.11%	19.88%
No. of Modules	377,011	410,000
Reduction in Module No.	8.75%	0
Plant Area	3,290,192 m ²	3,328,257 m ²
Reduction in Area	1.15%	0

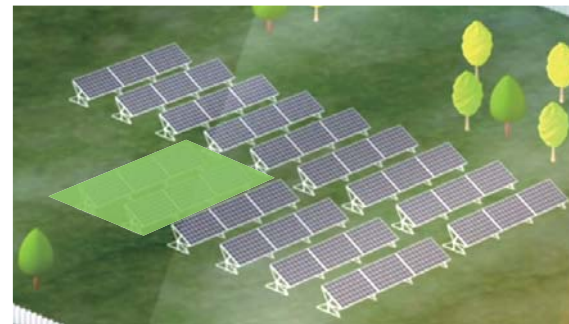
Example : 164MW project (tracking system) in Brisbane, Australia

More Power in Less Cost

Cheetah's high module power delivers improved power density, leading to less land usage, and reductions in both BOS and labor costs.



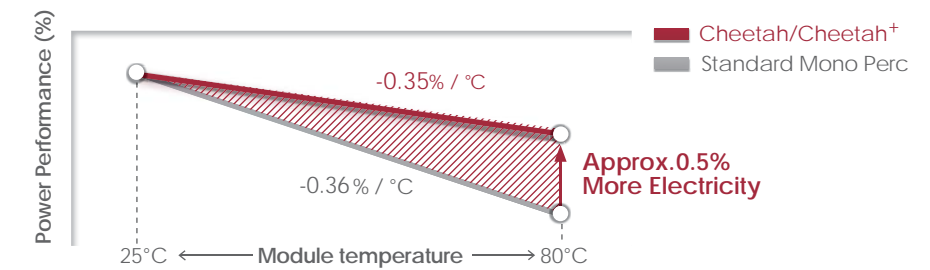
Cheetah 72 cell



Cheetah⁺ 78 cell

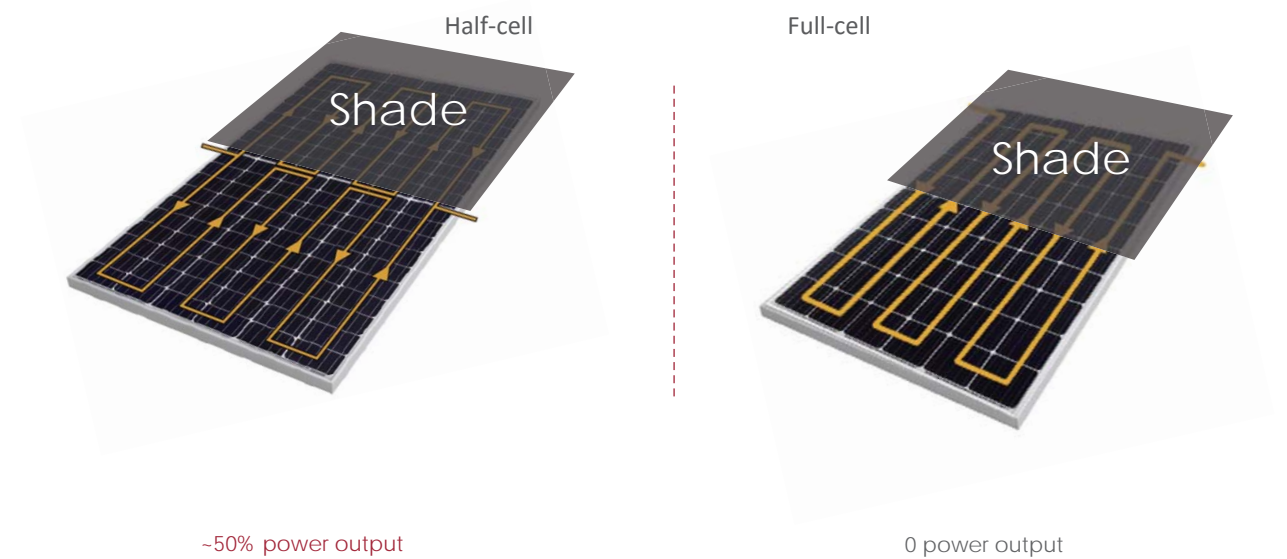
Improved Temperature Coefficient

Cheetah has an improved temperature coefficient of $-0.35\%/^{\circ}\text{C}$. Real world energy output can be increased up to 1% per day, perfect for delivering more electricity on hot summer days.



Improved Performance of Half Cells

Half Cell design ensures an improved shading response, resulting in higher yields when the module is partially shaded. Shading loss experienced by half cell modules is much better than conventional modules in certain shading conditions.



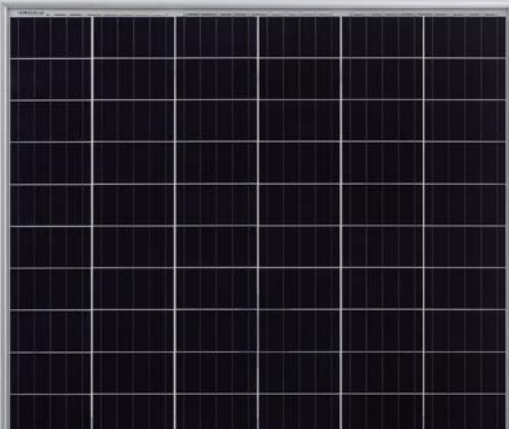
Cheetah HC 60M

325-345 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono PERC 60 Cell



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 20.45%) 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).

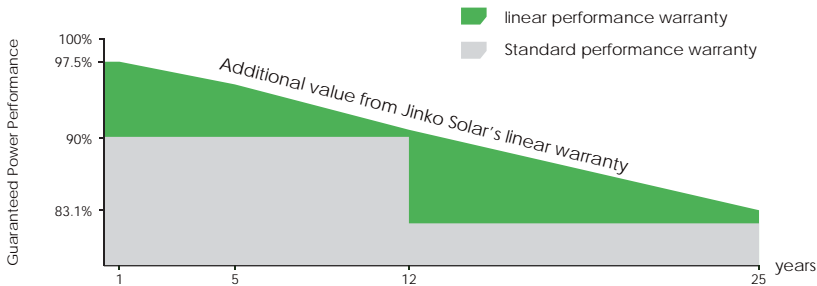


Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



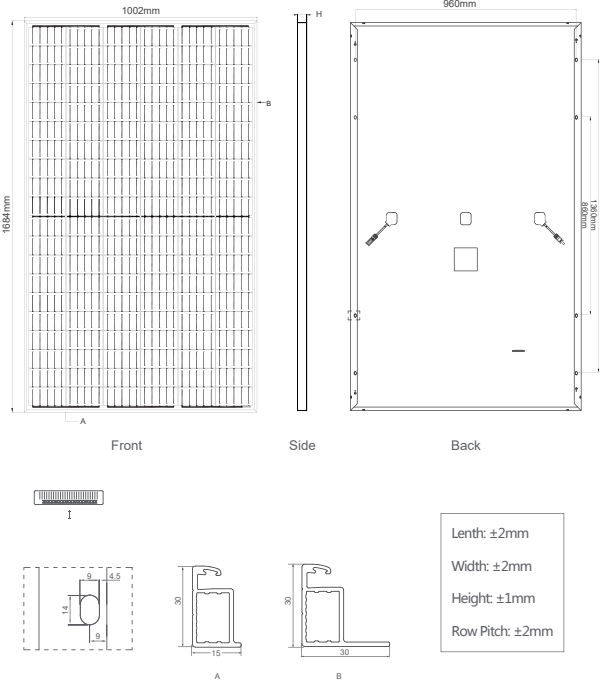
- ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory
- IEC61215, IEC61730, UL1703 certified product

Nomenclature:

JKMxxxM-60/72H-V

Code	Cell	Code	Certification
null	Full	null	1000V
H	Half	V	1500V

Engineering Drawings

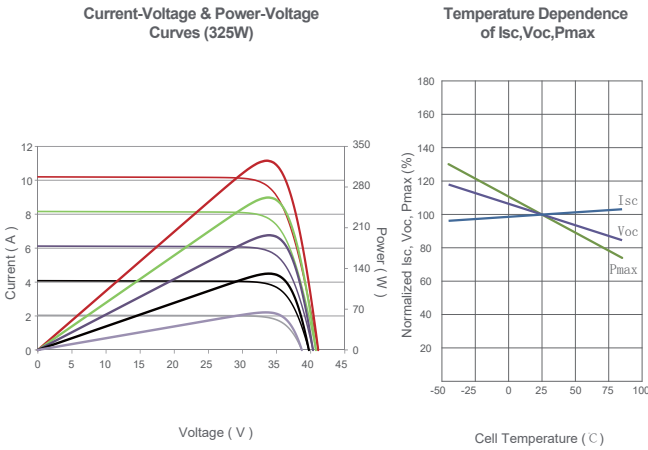


Packaging Configuration

(Two pallets = One stack)

35pcs/pallet, 70pcs/stack, 910pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No.of Half-cells	120 (6×20)
Dimensions	1684×1002×30mm (66.30×39.45×1.18 inch)
Weight	18.5 kg (40.8 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1x4.0mm², (+) 290mm, (-) 145mm or Customized Length

SPECIFICATIONS

Module Type	JKM325M-60H	JKM325M-60H-V	JKM330M-60H	JKM330M-60H-V	JKM335M-60H	JKM335M-60H-V	JKM340M-60H	JKM340M-60H-V	JKM345M-60H	JKM345M-60H-V
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	325Wp	242Wp	330Wp	246Wp	335Wp	250Wp	340Wp	253Wp	345Wp	257Wp
Maximum Power Voltage (Vmp)	33.6V	31.6V	33.8V	31.8V	34.0V	32.0V	34.2V	32.2V	34.4V	32.4V
Maximum Power Current (Imp)	9.68A	7.66A	9.77A	7.74A	9.87A	7.82A	9.96A	7.86A	10.04A	7.94A
Open-circuit Voltage (Voc)	41.1V	38.0V	41.3V	38.2V	41.5V	38.4V	41.7V	38.6V	41.9V	38.8V
Short-circuit Current (Isc)	10.20A	8.54A	10.31A	8.65A	10.36A	8.74A	10.55A	8.86A	10.64A	8.97A
Module Efficiency STC (%)	19.26%		19.56%		19.85%		20.15%		20.45%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1000/1500VDC (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									

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%

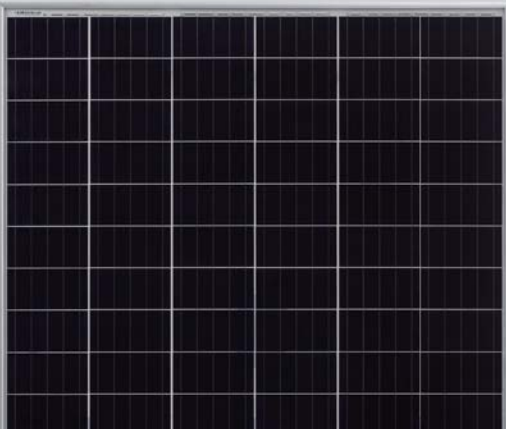
Cheetah HC 72M

390-410 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono PERC 72 Cell



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 20.38%) 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).

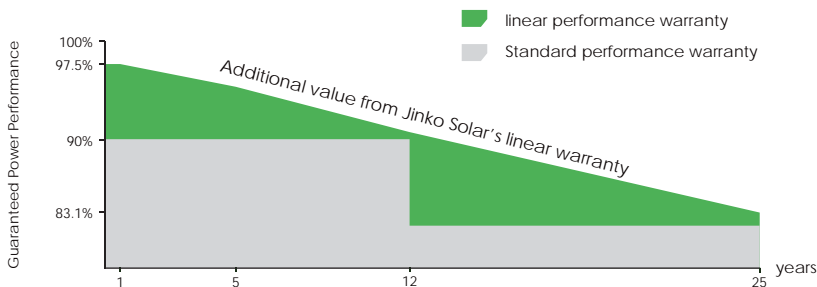


Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



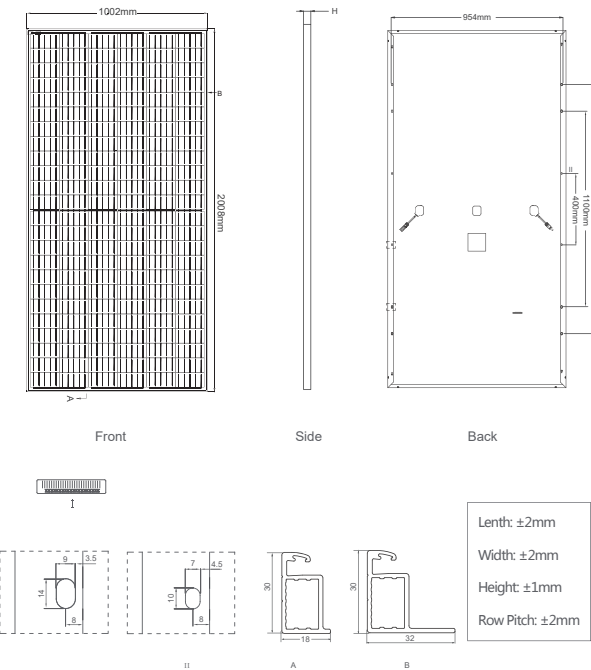
- ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory
- IEC61215, IEC61730, UL1703 certified product

Nomenclature:

JKMxxxM-60/72H-V

Code	Cell	Code	Certification
null	Full	null	1000V
H	Half	V	1500V

Engineering Drawings

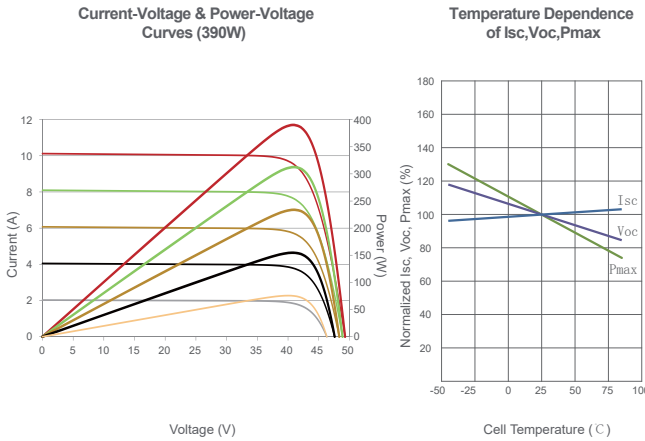


Packaging Configuration

(Two pallets =One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No.of Half-cells	144 (6×24)
Dimensions	2008×1002×30mm (79.06×39.45×1.18 inch)
Weight	22.0 kg (48.5 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1x4.0mm², (+) 290mm, (-) 145mm or Customized Length

SPECIFICATIONS

Module Type	JKM390M-72H		JKM395M-72H		JKM400M-72H		JKM405M-72H		JKM410M-72H	
	JKM390M-72H-V		JKM395M-72H-V		JKM400M-72H-V		JKM405M-72H-V		JKM410M-72H-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	390Wp	294Wp	395Wp	298Wp	400Wp	302Wp	405Wp	306Wp	410Wp	310Wp
Maximum Power Voltage (Vmp)	41.1V	39.1V	41.4V	39.3V	41.7V	39.6V	42.0V	39.8V	42.3V	40.0V
Maximum Power Current (Imp)	9.49A	7.54A	9.55A	7.60A	9.60A	7.66A	9.65A	7.72A	9.69A	7.76A
Open-circuit Voltage (Voc)	49.3V	48.0V	49.5V	48.2V	49.8V	48.5V	50.1V	48.7V	50.4V	48.9V
Short-circuit Current (Isc)	10.12A	8.02A	10.23A	8.09A	10.36A	8.16A	10.48A	8.22A	10.60A	8.26A
Module Efficiency STC (%)	19.38%		19.63%		19.88%		20.13%		20.38%	
Operating Temperature (°C)	-40°C~~85°C									
Maximum System Voltage	1000/1500VDC (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									

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%

Cheetah 60M

315-335 Watt

MONO PERC MODULE

Positive power tolerance of 0~+3%

ISO9001:2015, ISO14001:2015, OHSAS18001
certified factory

IEC61215, IEC61730, UL1703 certified product



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 20.08%) benefit from Passivated Emmitter Rear Contact (PERC) technology.



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).

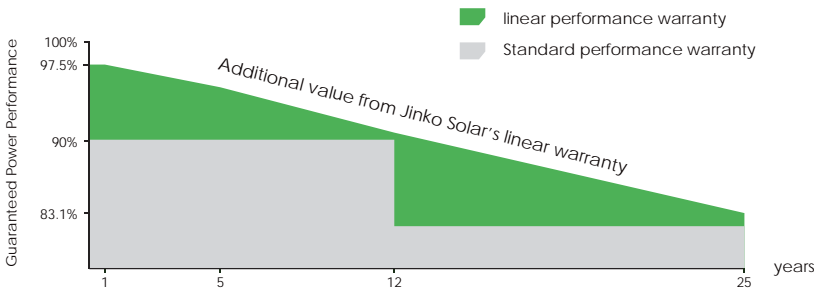


Durability Against Extreme Environmental Conditions

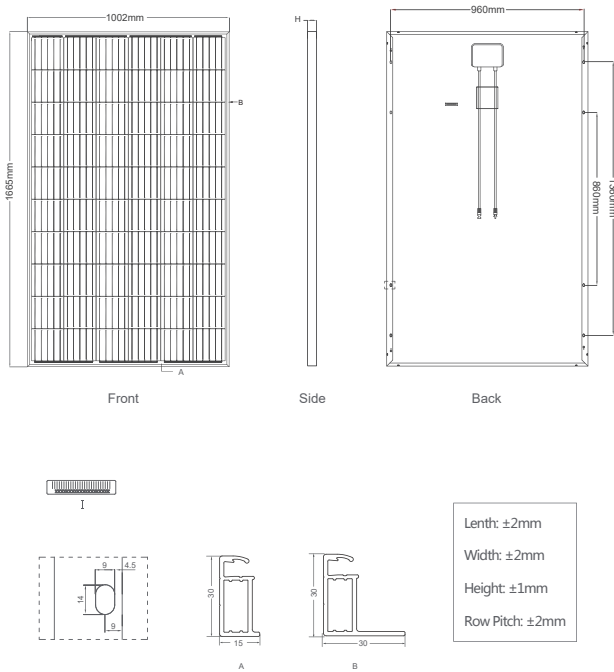
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

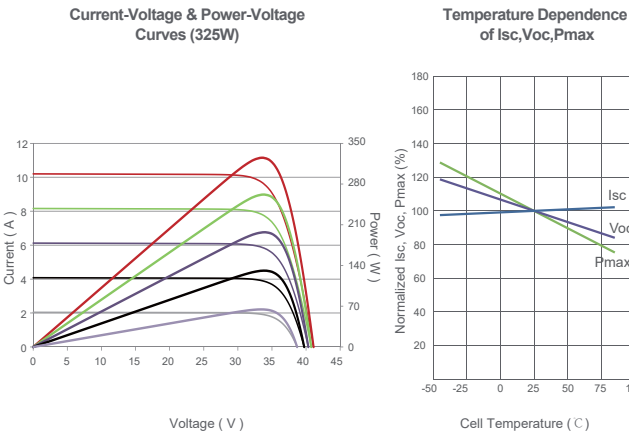


Packaging Configuration

(Two pallets = One stack)

35pcs/pallet , 70pcs/stack, 980pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC	158.75×158.75mm
No. of cells	60 (6×10)	
Dimensions	1665×1002×30mm	(65.55×39.45×1.18 inch)
Weight	18.2 kg	(40.1 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass	
Frame	Anodized Aluminium Alloy	
Junction Box	IP67 Rated	
Output Cables	TÜV 1×4.0mm ² , Length 900mm or Customized Length	

SPECIFICATIONS

Module Type	JKM315M-60		JKM320M-60		JKM325M-60		JKM330M-60		JKM335M-60	
	JKM315M-60-V	JKM315M-60-V	JKM320M-60-V	JKM320M-60-V	JKM325M-60-V	JKM325M-60-V	JKM330M-60-V	JKM330M-60-V	JKM335M-60-V	JKM335M-60-V
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	315Wp	235Wp	320Wp	239Wp	325Wp	242Wp	330Wp	246Wp	335Wp	250Wp
Maximum Power Voltage (Vmp)	33.2V	31.2V	33.4V	31.4V	33.6V	31.6V	33.8V	31.8V	34.0V	32.0V
Maximum Power Current (Imp)	9.49A	7.56A	9.59A	7.62A	9.68A	7.66A	9.77A	7.74A	9.87A	7.82A
Open-circuit Voltage (Voc)	40.7V	37.6V	40.9V	37.8V	41.1V	38.0V	41.3V	38.2V	41.5V	38.4V
Short-circuit Current (Isc)	10.04A	8.33A	10.15A	8.44A	10.20A	8.54A	10.31A	8.65A	10.36A	8.74A
Module Efficiency STC (%)	18.88%		19.18%		19.48%		19.78%		20.08%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1000/1500VDC (IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.37%/°C									
Temperature Coefficients of Voc	-0.29%/°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: ± 3%

Cheetah 72M

380-400 Watt

MONO PERC MODULE

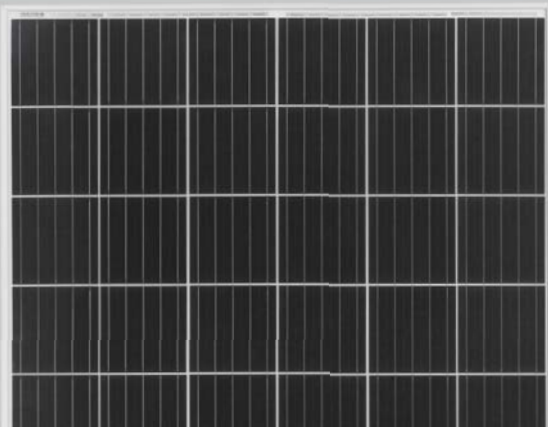
Positive power tolerance of 0~+3%

ISO9001:20015, ISO14001:2015, ISO45001:2018
certified factory

IEC61215, IEC61730, UL1703 certified product



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 20.17%) benefit from Passivated Emmiter Rear Contact (PERC) technology.



PID Resistance

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



Low-light Performance:

Advanced glass and surface texturing allow for 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

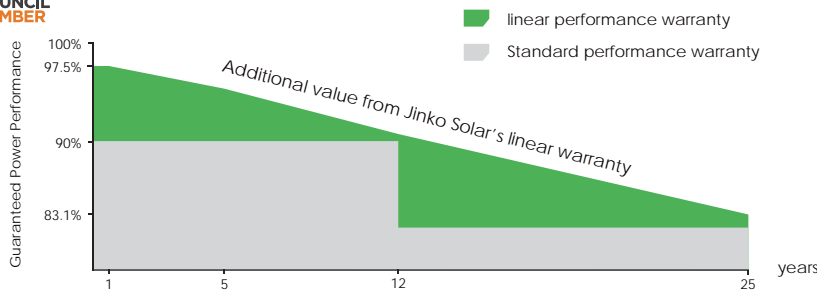
12 Year Product Warranty • 25 Year Linear Power Warranty



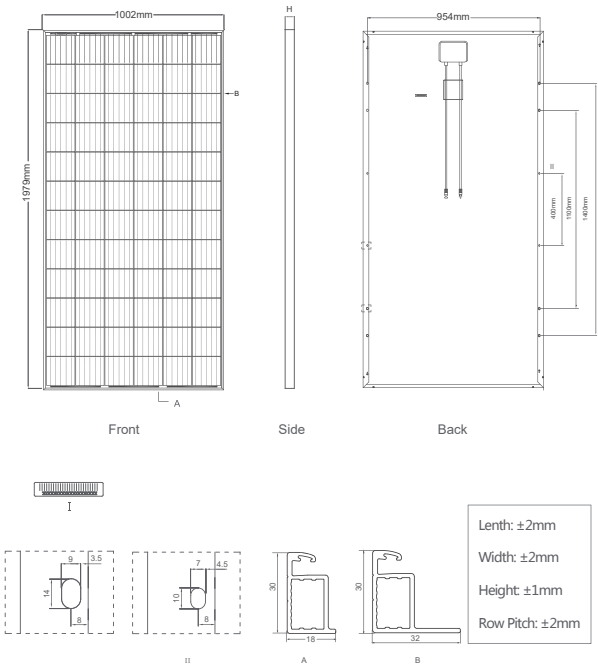
Nomenclature:

JKMxxxM-60/72H-V

Code	Cell	Code	Certification
null	Full	null	1000V
H	Half	V	1500V



Engineering Drawings

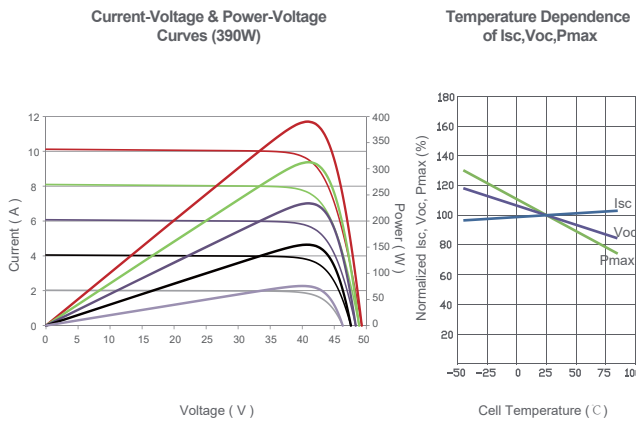


Packaging Configuration

(Two pallets=One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC	158.75×158.75mm
No.of cells	72 (6×12)	
Dimensions	1979×1002×30mm (77.91×39.45×1.18 inch)	
Weight	21.6 kg (47.6 lbs)	
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass	
Frame	Anodized Aluminium Alloy	
Junction Box	IP67 Rated	
Output Cables	TÜV 1×4.0mm², Length (+) 290mm (-) 145mm or Customized Length	

SPECIFICATIONS

Module Type	JKM380M-72		JKM385M-72		JKM390M-72		JKM395M-72		JKM400M-72	
	JKM380M-72-V		JKM385M-72-V		JKM390M-72-V		JKM395M-72-V		JKM400M-72-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	380Wp	280Wp	385Wp	283Wp	390Wp	287Wp	395Wp	291Wp	400Wp	294Wp
Maximum Power Voltage (Vmp)	39.1V	36.5V	39.37V	36.8V	39.64V	37.0V	39.90V	37.4V	40.16V	37.6V
Maximum Power Current (Imp)	9.72A	7.67A	9.78A	7.71A	9.84A	7.75A	9.90A	7.77A	9.96A	7.82A
Open-circuit Voltage (Voc)	48.2V	45.4V	48.40V	45.6V	48.6V	45.8V	48.8V	46.0V	49.1V	46.2V
Short-circuit Current (Isc)	10.3A	8.32A	10.38A	8.38A	10.46A	8.45A	10.54A	8.51A	10.61A	8.57A
Module Efficiency STC (%)	19.16%		19.42%		19.67%		19.92%		20.17%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1000/1500VDC (IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.37%/°C									
Temperature Coefficients of Voc	-0.29%/°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: ± 3%

Cheetah Plus HC 66M

360-380 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono PERC 66 Cell



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 20.69%) 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).

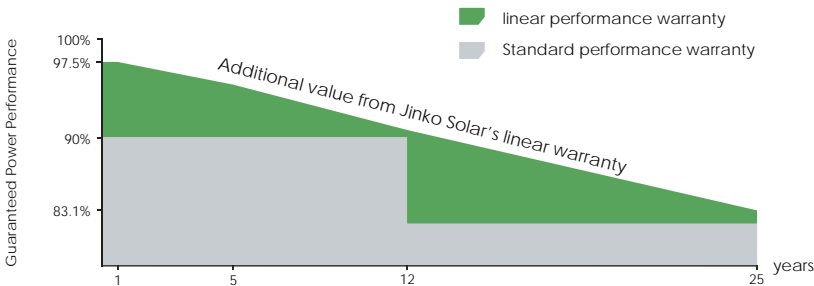


Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



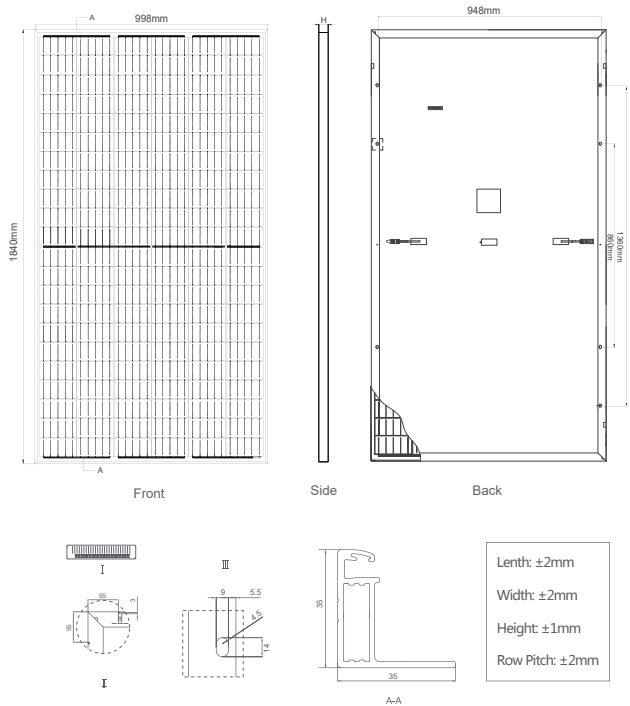
- ISO9001:2015, ISO14001:2015, ISO45001:2018 certified factory
- IEC61215, IEC61730, UL1703 certified product

Nomenclature:

JKMxxxM-66/78H-V

Code	Cell	Code	Certification
null	Full	null	1000V
H	Half	V	1500V

Engineering Drawings

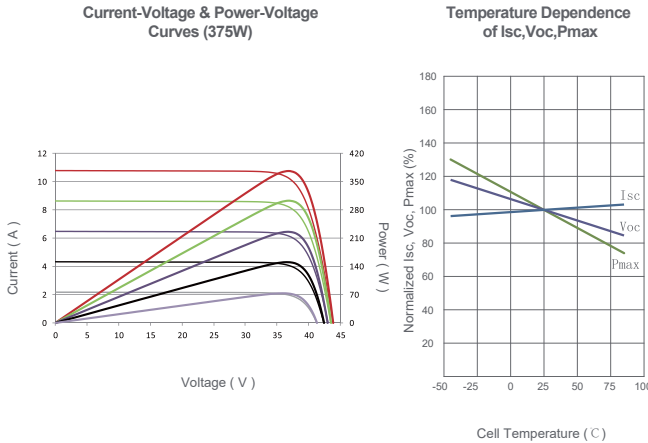


Packaging Configuration

(Two pallets = One stack)

31pcs/pallet, 62pcs/stack, 744pcs/40' HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No.of cells	132 (6×22)
Dimensions	1840×998×35mm (72.44×39.69×1.38 inch)
Weight	20.7 kg (45.6 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	JKM360M-66H		JKM365M-66H		JKM370M-66H		JKM375M-66H		JKM380M-66H	
	JKM360M-66H-V		JKM365M-66H-V		JKM370M-66H-V		JKM375M-66H-V		JKM380M-66H-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	360Wp	268Wp	365Wp	272Wp	370Wp	275Wp	375Wp	279Wp	380Wp	283Wp
Maximum Power Voltage (Vmp)	36.97V	33.78V	37.06V	33.99V	37.15V	34.15V	37.24V	34.28V	37.33V	34.52V
Maximum Power Current (Imp)	9.74A	7.93A	9.85A	7.99A	9.96A	8.06A	10.07A	8.14A	10.18A	8.19A
Open-circuit Voltage (Voc)	43.58V	41.04V	43.66V	41.12V	43.75V	41.20V	44.02V	41.46V	44.09V	41.53V
Short-circuit Current (Isc)	10.48A	8.46A	10.55A	8.52A	10.62A	8.58A	10.69A	8.63A	10.77A	8.70A
Module Efficiency STC (%)	19.60%		19.88%		20.15%		20.42%		20.69%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (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: ± 3%

Cheetah Plus HC 78M

425-445 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono PERC 78 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 20.58%) 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).

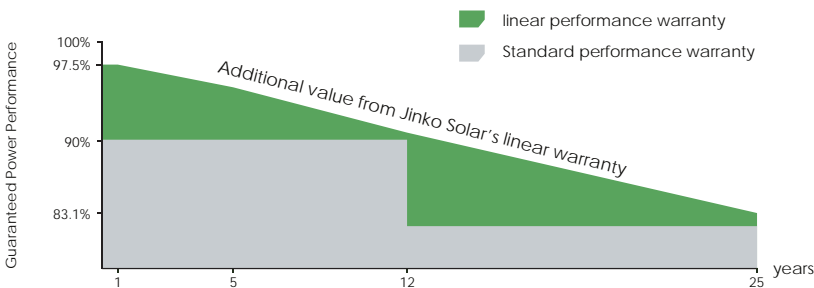


Durability Against Extreme Environmental Conditions

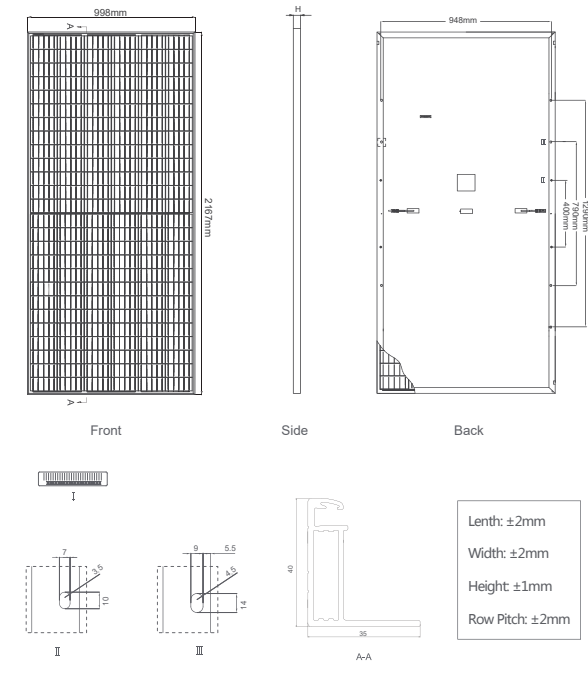
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

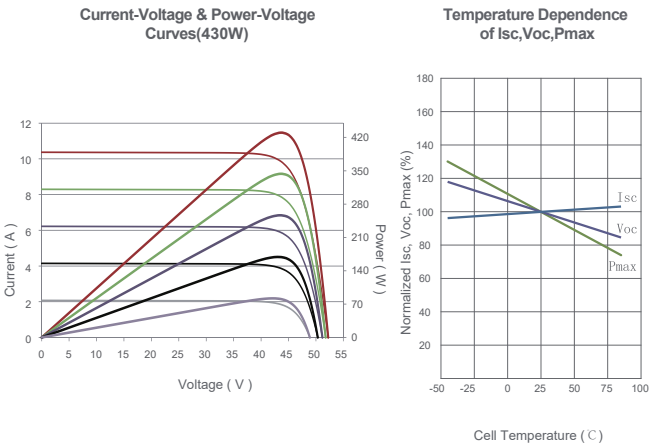


Packaging Configuration

(Two pallets = One stack)

27pcs/pallet, 54pcs/stack, 540pcs/40' HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No.of cells	156 (6×26)
Dimensions	2167×998×40mm (85.31×39.29×1.57 inch)
Weight	24.5 kg (54.0 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 (+): 250mm , (-): 150 mm or Customized Length

SPECIFICATIONS

Module Type	JKM425M-78H		JKM430M-78H		JKM435M-78H		JKM440M-78H		JKM445M-78H	
	JKM425M-78H-V	JKM430M-78H-V	JKM435M-78H-V	JKM440M-78H-V	JKM445M-78H-V	JKM445M-78H-V	JKM445M-78H-V	JKM445M-78H-V	JKM445M-78H-V	JKM445M-78H-V
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	425Wp	316Wp	430Wp	320Wp	435Wp	324Wp	440Wp	327Wp	445Wp	331Wp
Maximum Power Voltage (Vmp)	43.23V	39.87V	43.49V	40.04V	43.55V	40.15V	43.65V	40.36V	43.72V	40.52V
Maximum Power Current (Imp)	9.83A	7.93A	9.89A	7.99A	9.99A	8.06A	10.08A	8.11A	10.18A	8.17A
Open-circuit Voltage (Voc)	51.43V	48.44V	51.52V	48.53V	51.61V	48.61V	51.70V	48.70V	52.04V	49.02V
Short-circuit Current (Isc)	10.48A	8.46A	10.57A	8.54A	10.67A	8.62A	10.77A	8.70A	10.84A	8.76A
Module Efficiency STC (%)	19.65%		19.88%		20.11%		20.35%		20.58%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (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: ± 3%