

Eagle 60M *275-295 Watt*

MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

 $\label{loop:loop} ISO 9001: 2008 \cdot ISO 14001: 2004 \cdot OHSAS 18001 \\ certified factory.$

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 RESISTANT:

Limited power degradation of Eagle module caused by PID effect is guaranteed under strict testing condition (85 $^\circ$ /85%RH,96hours)for mass production.



Low-light Performance:

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



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

10 Year Product Warranty • 25 Year Linear Power Warranty

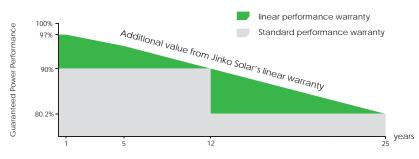






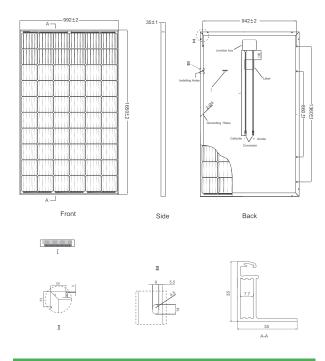






Engineering Drawings

Electrical Performance & Temperature Dependence



	Current-Voltage & Power-Voltage Curves (280W)					Temperature Dependence of Isc,Voc,Pmax						
			180									
12		300	160 (%) 140									
10 -		250	Normalized Isc, Voc, Pmax (%) 0 08 01 05 05 06 06 06 06 06 06 06 06 06 06 06 06 06	/					Isc			
Current (A)		Power (W)	alized Isc,					\ 	Voc			
JD 4		100 \$	00 Norms									
0 0	5 10 15 20 25 30 35 4	0	20									
	Voltage (V)		-5			perat			5 100			

Mechanical Characteristics Cell Type Mono-crystalline 156×156mm (6 inch)

	ment of years and a second of ment,						
No.of cells	60 (6×10)						
Dimensions	1650×992×35mm (65.00×39.05×1.37 inch)						
Weight	19.0 kg (41.9 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: 900mm or Customized Length						

Packaging Configuration

(Two pallets =One stack)

30pcs/pallet, 60pcs/stack, 840 pcs/40'HQ Container

SPECIFICATIONS

JKM275M-60		JKM2	JKM280M-60		JKM285M-60		JKM290M-60		JKM295M-60	
STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
275Wp	205Wp	280Wp	209Wp	285Wp	212Wp	290Wp	216Wp	295Wp	220Wp	
31.6V	29.6V	31.8V	29.7V	32.0V	29.9V	32.2V	30.2V	32.4V	30.4V	
8.70A	6.93A	8.81A	7.01A	8.90A	7.12A	9.02A	7.15A	9.10A	7.24A	
38.5V	36.0V	38.6V	36.2V	38.7V	36.4V	39.5V	36.6V	39.7V	36.8V	
9.40A	7.54A	9.49A	7.62A	9.51A	7.72A	9.55A	7.81A	9.61A	7.89A	
16.	.80%	17.11%		17.41%		17.72%		18.02%		
				-40°C	~+85°C					
1000VDC (IEC)										
20A										
0~+3%										
-0.38%/°C										
	-0.29%/°C									
	0.048%/℃									
	45±2℃									
	STC 275Wp 31.6V 8.70A 38.5V 9.40A	STC NOCT 275Wp 205Wp 31.6V 29.6V 8.70A 6.93A 38.5V 36.0V 9.40A 7.54A 16.80%	STC NOCT STC 275Wp 280Wp 280Wp 31.6V 29.6V 31.8V 8.70A 6.93A 8.81A 38.5V 36.0V 38.6V 9.40A 7.54A 9.49A 16.80% 17	STC NOCT STC NOCT 275Wp 280Wp 209Wp 31.6V 29.6V 31.8V 29.7V 8.70A 6.93A 8.81A 7.01A 38.5V 36.0V 38.6V 36.2V 9.40A 7.54A 9.49A 7.62A 16.80% 17.11%	STC NOCT STC NOCT STC 275Wp 205Wp 280Wp 209Wp 285Wp 31.6V 29.6V 31.8V 29.7V 32.0V 8.70A 6.93A 8.81A 7.01A 8.90A 38.5V 36.0V 38.6V 36.2V 38.7V 9.40A 7.54A 9.49A 7.62A 9.51A 16.80% 17.11% 17 -40°C 2 0~ -0.36 -0.25 0.04	STC NOCT STC NOCT STC NOCT 275Wp 205Wp 280Wp 209Wp 285Wp 212Wp 31.6V 29.6V 31.8V 29.7V 32.0V 29.9V 8.70A 6.93A 8.81A 7.01A 8.90A 7.12A 38.5V 36.0V 38.6V 36.2V 38.7V 36.4V 9.40A 7.54A 9.49A 7.62A 9.51A 7.72A 16.80% 17.11% 17.41% -40°C~+85°C 1000VDC (IEC) 20A 0~+3% -0.38%/°C -0.29%/°C 0.048%/°C	STC NOCT STC NOCT STC NOCT STC 275Wp 205Wp 280Wp 209Wp 285Wp 212Wp 290Wp 31.6V 29.6V 31.8V 29.7V 32.0V 29.9V 32.2V 8.70A 6.93A 8.81A 7.01A 8.90A 7.12A 9.02A 38.5V 36.0V 38.6V 36.2V 38.7V 36.4V 39.5V 9.40A 7.54A 9.49A 7.62A 9.51A 7.72A 9.55A 16.80% 17.11% 17.41% 17 -40°C~+85°C 1000VDC (IEC) 20A 0~+3% -0.38%/°C -0.29%/°C 0.048%/°C 0.048%/°C	STC NOCT STC NOCT STC NOCT STC NOCT 275Wp 205Wp 280Wp 209Wp 285Wp 212Wp 290Wp 216Wp 31.6V 29.6V 31.8V 29.7V 32.0V 29.9V 32.2V 30.2V 8.70A 6.93A 8.81A 7.01A 8.90A 7.12A 9.02A 7.15A 38.5V 36.0V 38.6V 36.2V 38.7V 36.4V 39.5V 36.6V 9.40A 7.54A 9.49A 7.62A 9.51A 7.72A 9.55A 7.81A 16.80% 17.11% 17.41% 17.72A 9.55A 7.81A -40°C~+85°C 1000VDC (IEC) 20A 0~+3% -0.38%/°C -0.29%/°C 0.048%/°C 0.048%/°C 0.048%/°C 0.048%/°C	STC NOCT STC NOCT STC NOCT STC NOCT STC NOCT STC NOCT STC STC NOCT STC STC STC STC NOCT STC 295Mp 22.40 32.4V 32.2V 32.2V 32.4V 32.4V 39.5V 36.6V 39.7V 39.10A 39.5V 36.6V 39.7V 39.5V 36.6V 39.7V 39.5V 36.6V 39.7V 18 40°C~+85°C 1000VDC (IEC) 20A 20A 20A 20A 20A<	STC NOCT STC ADA ADA ADA NOCT STC ADA ADA ADA ADA ADA ADA ADA ADA ADA















Wind Speed 1m/s

^{*} Power measurement tolerance: ± 3%