Black, Shark Series

JHM3/60BH

JingHua Energy High Efficiency Monocrystalline Half-cut Cell Solar Module

No. of cells Power Output Range

120 CELL 315-335W

Maximun System Voltage Maximum Efficiency

1500V 19.85%



High Output Power

The use of high quality cell and half-cell PERC technology enables modules up to 335W



High Reliability

Products through a variety of harsh environmental testing



The State Of The Art Appeance

Full black designed for a better aesthetic appearance and building integration



Reduce Shadow Loss

Effectively reduces the effect of shadow on the module surface



Better Micro Crack Resistance

Minimize the impact by micro crack by limiting cell damage and potentially extending area

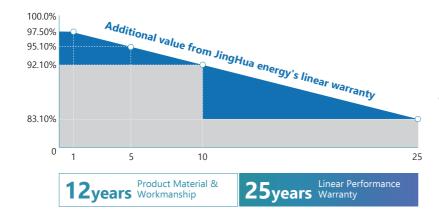


Excellent Anti-PID Performance

2 times of industry standard Anti-PID test by TUV (85°C/85%RH , 192h)

JHSHARK

LINEAR PERFORMANCE WARRANTY



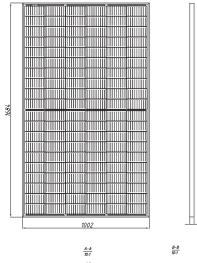
Comprehensive Products and System Certificates

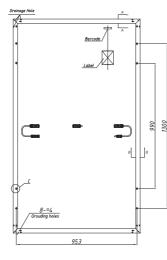


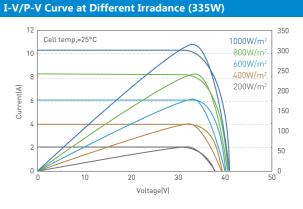
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IEC61215/61730:2016 IEC62804(PID free) IEC62716(Ammonia) IEC61701(Salt fog) ISO9001/14001/45001

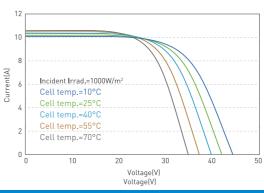
Module Dimension[mm]

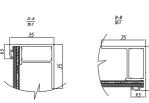






I-V Curve at Different Working Temperature (335W)







ELECTRICAL DATA											
Module Type		JHM3/60BH315		JHM3/60BH320		JHM3/60BH325		JHM3/60BH330		JHM3/60BH335	
		STC	NMOT								
Peak Power (Pmax)	(W)	315	236	320	240	325	244	330	247	335	251
Maximum Power Voltage (Vmp)	(V)	33.2	30.9	33.4	31.1	33.6	31.3	33.8	31.5	34.0	31.7
Maximum Power Current (Imp)	(A)	9.49	7.63	10.15	7.71	9.67	7.78	9.76	7.85	9.85	7.93
Open-circuit Voltage (Voc)	(V)	40.7	38.6	40.9	38.7	41.1	38.9	41.3	39.1	41.5	39.3
Short-circuit Current (Isc)	(A)	10.04	8.11	10.15	8.20	10.20	8.24	10.31	8.33	10.36	8.37
Module Efficiency		18.67%		18.96%		19.26%		19.56%		19.85%	
Operating Temperature		-40°C~+85°C									
Maximum System Voltage		1500V									
Maximum Series Fuse Rating		20A									
Protection Class		Class II									
Power tolerance		0~+5W									

^{*}STC (Standard Test Condition): Irradiance 1000W/ m² , Module Temperature 25°C, AM 1.5

^{*} NMOT(Under Nominal Module Operating Temperature), Irradiance of 800W/ m², Spectrum AM 1.5, Ambient Temperature 20°C, Wind Speed 1m/s

MECHNICAL DATA	
Cell Type	Mono-Crystalline
Cell Arrangement	120pcs (2×(6×10))
Dimension (L×W×H)	1684×1002×35mm
Weight	19.2kg
Front Cover	3.2mm Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Cable	4mm²/300mm
Connector	Staubli EVO2 or Compatible
Snow/Wind Load	5400Pa/2400Pa

TEMPERATURE CHARACTERISTICS				
Temperature coefficient of Pmax	-0.38%			
Temperature coefficient of Voc	-0.30%			
Temperature coefficient of Isc	0.06%			
NMOT	44±2°C			

PACKING MANNER					
Packing Type	40HQ				
Piece/Pallet	31				
Pallet/Container	26				
Piece/Container	806				

^{*}JingHua reserves the right to make any afjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorated into the binding contract made by the parties governing all transactions related to the purchase and sale of the produccts described herein.

^{*}Power measurement tolerance: $\pm 3\%$