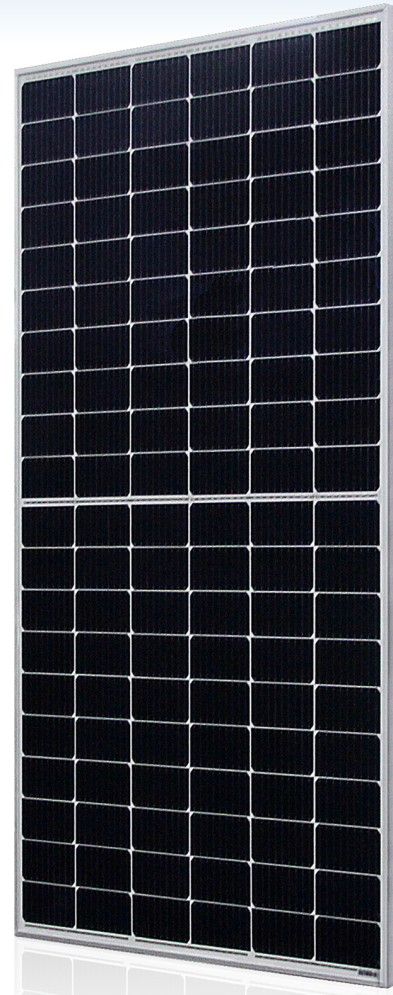# *G*olden Shark Series
JHM4/60H

JH SOLAR

JingHua Energy High Efficiency Monocrystalline Half-cut Cell Solar Module

No. of cells	Power Output Range
120 CELL	**360-385W**

Maximun System Voltage	Maximum Efficiency
1500V	**20.81%**

High Output Power
The use of high quality cell and half-cell PERC technology enables modules up to 385W

High Reliability
Products through a variety of harsh environmental testing

Lower Temperature Coefficients
Enhance power generation

Reduce Shadow Loss
Effectively reduces the effect of shadow on the module surface
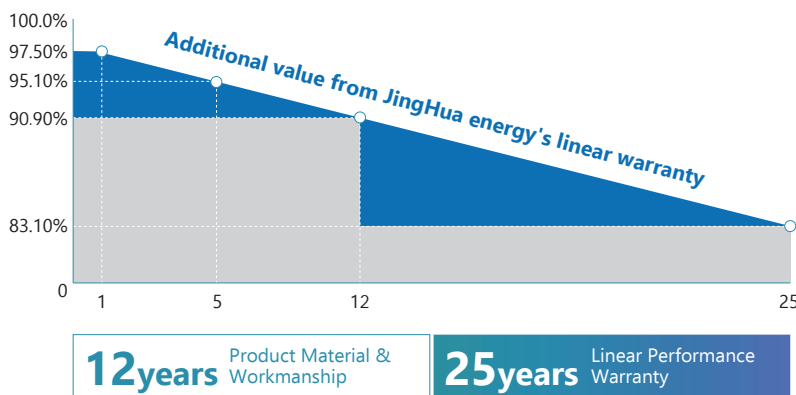
Better Micro Crack Resistance
Minimize the impact by micro crack by limiting cell damage and potentially extending area

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

LINEAR PERFORMANCE WARRANTY

Additional value from JingHua energy's linear warranty

100.0%
97.50%
95.10%
90.90%
83.10%
0
1 5 12 25

12years Product Material & Workmanship

25years Linear Performance Warranty

Comprehensive Products and System Certificates

TÜV NORD CE ⅲ Swiss Re

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

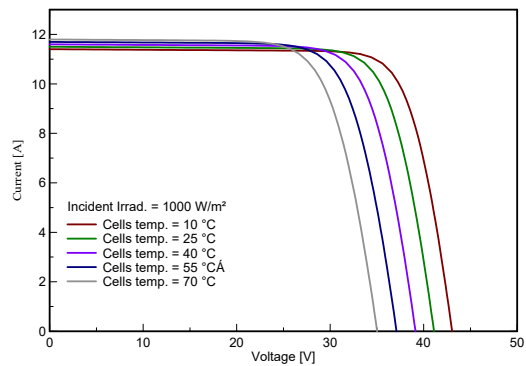**Serve green energy by quality products**

Module Dimension[mm]
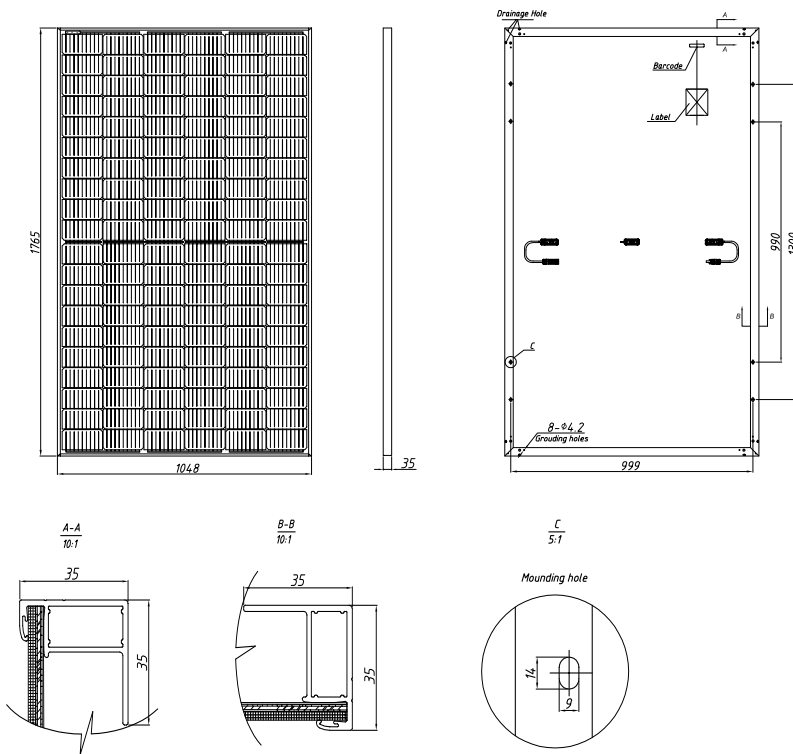
I-V/P-V Curve at Different Irradance (365W)
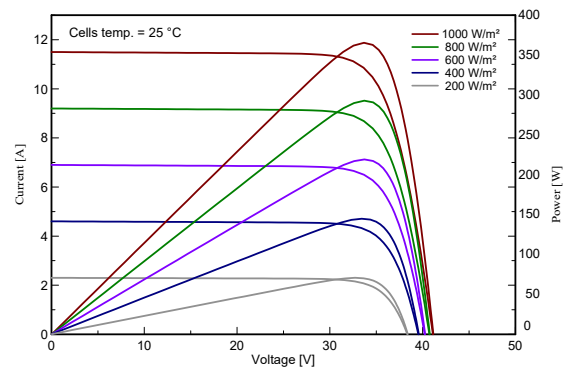
I-V Curve at Different Working Temperature (365W)

ELECTRICAL DATA

Module Type		JHM4/60H360		JHM4/60H365		JHM4/60H370		JHM4/60H375		JHM4/60H380		JHM4/60H385	
		STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Peak Power (Pmax)	(W)	360	270	365	274	370	277	375	281	380	285	385	289
Maximum Power Voltage (Vmp)	(V)	33.7	31.4	33.9	31.6	34.1	31.8	34.3	32.0	34.5	32.2	34.7	32.4
Maximum Power Current (Imp)	(A)	10.68	8.59	10.77	8.66	10.85	8.73	10.93	8.79	11.01	8.86	11.10	8.92
Open-circuit Voltage (Voc)	(V)	40.9	38.7	41.1	38.9	41.3	39.1	41.5	39.3	41.7	39.5	41.9	39.7
Short-circuit Current (Isc)	(A)	11.40	9.21	11.50	9.29	11.60	9.37	11.70	9.46	11.80	9.54	11.90	9.62
Module Efficiency		19.46%		19.73%		20.01%		20.27%		20.54%		20.81%	
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/ ㎡ , Module Temperature 25℃, AM 1.5

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

MECHNICAL DATA

Cell Type	Mono-Crystalline
Cell Arrangement	120pcs (2×(6×10))
Dimension (L×W×H)	1765×1048×35mm
Weight	19.8kg
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: ±3%

Serve green energy by quality products