

KingSolar

金博智链

KS-JM/132HG

HJT Bifacial 700-720W



HIGHER
EFFICIENCY



LOWER TEMPERATURE
COEFFICIENT



LOW ATTENUATION,
LONG WARRANTY



HIGHER
BIFACIALITY

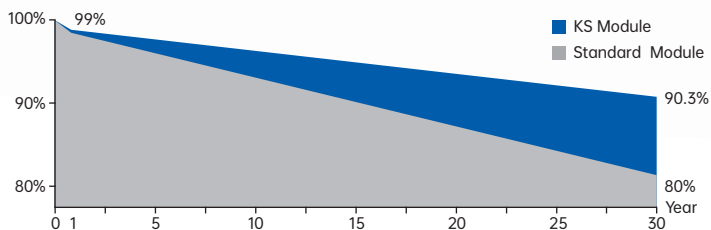
WARRANTY



Guarantee on product material
and workmanship



Linear power
output warranty



INSURANCE



中国平安
PINGAN

CERTIFICATION



- ISO 9001: 2015/quality management system
- ISO 14001: 2015/environment management system
- ISO 45001: 2018/occupation health safety management system

700-720W

KS-JM/132HG

ELECTRICAL CHARACTERISTICS (STC)

Maximum Power (Pm)	W	700	705	710	715	720
Power Tolerance	W			0~+5		
Maximum Power Voltage (Vm)	V	42.30	42.44	42.59	42.74	42.89
Maximum Power Current (Im)	A	16.55	16.61	16.67	16.73	16.79
Open Circuit Voltage (Voc)	V	50.68	50.76	50.84	50.92	51.00
Short Circuit Current (Isc)	A	17.31	17.39	17.47	17.55	17.63
Module Efficiency (ηm)	%	22.5	22.7	22.9	23	23.2

STC:AM=1.5, irradiance=1000W/m², module temperature=25°C

ELECTRICAL CHARACTERISTICS (BNPI)

Maximum Power (Pm)	W	770	775	780	785	790
Maximum Power Voltage (Vm)	V	42.30	42.44	42.59	42.74	42.89
Maximum Power Current (Im)	A	18.20	18.26	18.31	18.37	18.42
Open Circuit Voltage (Voc)	V	50.68	50.76	50.84	50.92	51.00
Short Circuit Current (Isc)	A	19.09	19.18	19.27	19.36	19.45

BNPI: Front Side Irradiation 1000 W/m², Back Side Reflection Irradiation 135 W/m², Air Mass 1.5, Ambient Temperature 25°C.

MECHANICAL SPECIFICATIONS

External Dimension (L×W×H)	2384×1303×33mm
Weight	38.1 kg
Number of Cells	132 (6×22)
Front Glass	2.0mm AR-coating heat-strengthened glass
Rear Glass	2.0mm heat-strengthened glass
Frame	Anodized aluminum alloy, silver color
Junction Box	IP68
Output Cables	4mm², 300mm or customized length
Connector	MC4 compatible

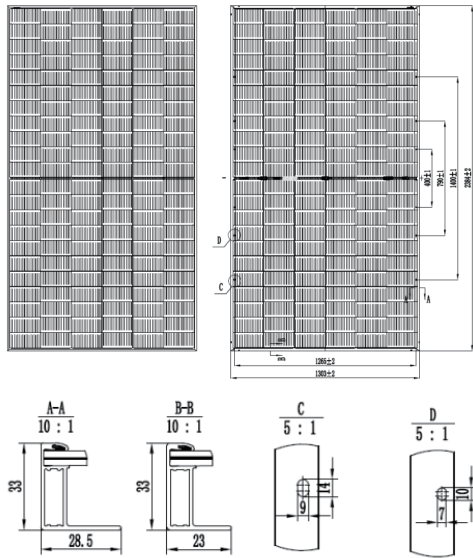
APPLICATION CONDITIONS

Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	35A
Operating Temperature	-40°C ~ +85°C
Mechanical Load	5400Pa/2400Pa
Hail Test	25mm diameter hail at 23m/s
Module Fire Rating	IEC Class C
Application Rating	Class II

TEMP CHARACTERISTICS

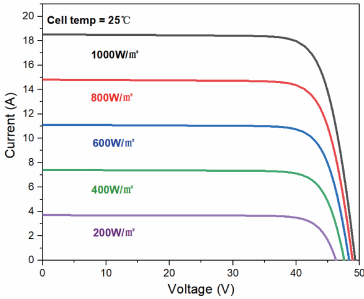
Nominal Module Operating Temperature	43±3°C
Temperature Coefficient of Pmax	-0.242%/°C
Temperature Coefficient of Voc	-0.243%/°C
Temperature Coefficient of ISC	+0.033%/°C

TECHNICAL DRAWING

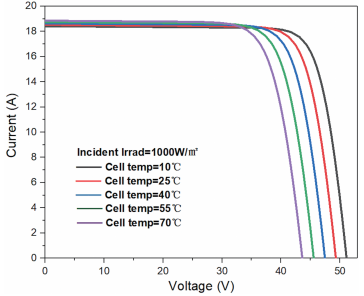


I-V CURVE

I-V characteristics at different irradiance
(KS-JM/132HG720W)



I-V characteristics at different temperatures
(KS-JM/132HG720W)



PACKING CONFIGURATION

Container	40'HC
Pieces per Pallet	33 pcs
Packaging box Size	1360×1145×2524mm
Pieces per Container	594 pcs