

KS-N18/132HG

N-TYPE Bifacial 695-725W



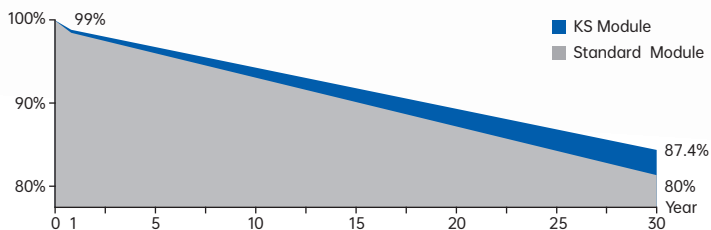
WARRANTY



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

695-725W

KS-N18/132HG

ELECTRICAL CHARACTERISTICS (STC)

Maximum Power (Pm)	W	695	700	705	710	715	720	725
Power Tolerance	W	0~+5						
Maximum Power Voltage (Vm)	V	40.3	40.5	40.7	40.9	41.1	41.3	41.5
Maximum Power Current (Im)	A	17.24	17.28	17.32	17.36	17.40	17.44	17.48
Open Circuit Voltage (Voc)	V	48.1	48.3	48.5	48.7	48.9	49.1	49.3
Short Circuit Current (Isc)	A	18.28	18.32	18.36	18.40	18.44	18.48	18.52
Module Efficiency (ηm)	%	22.4	22.5	22.7	22.9	23.0	23.2	23.3

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

ELECTRICAL CHARACTERISTICS (NMOT)

Maximum Power (Pm)	W	530	534	538	542	546	550	554
Maximum Power Voltage (Vm)	V	37.80	38.00	38.20	38.40	38.6	38.8	39.0
Maximum Power Current (Im)	A	14.02	14.05	14.08	14.12	14.15	14.18	14.21
Open Circuit Voltage (Voc)	V	45.80	46.00	46.20	46.40	46.60	46.80	47.00
Short Circuit Current (Isc)	A	14.73	14.76	14.80	14.83	14.86	14.89	14.92

NMOT: irradiance=800W/m², environment temperature=20°C, wind speed=1m/s

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

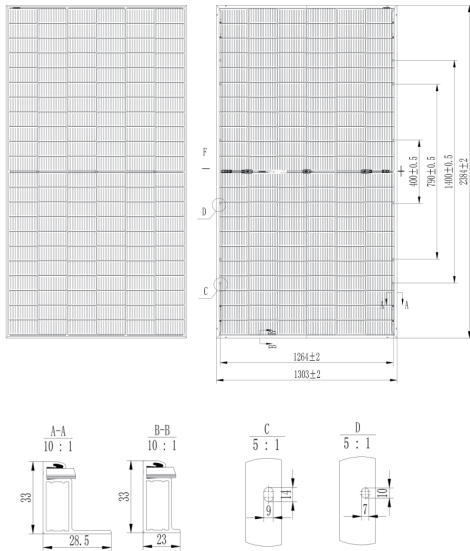
APPLICATION CONDITIONS

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
Bifaciality	80±5%
Application Rating	Class A

TEMP CHARACTERISTICS

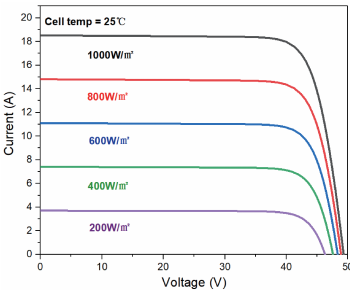
Nominal Module Operating Temperature	43±2°C
Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of ISC	0.04%/°C

TECHNICAL DRAWING

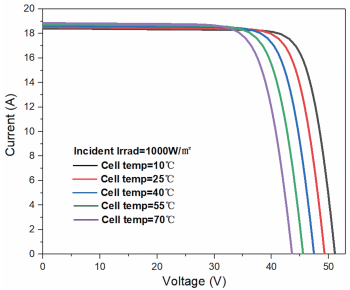


I-V CURVE

I-V characteristics at different irradiance (KS-N18/132HG725W)



I-V characteristics at different temperatures (KS-N18/132HG725W)



PACKING CONFIGURATION

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