

KS-BL/132HG

BL Bifacial 635-670W



**HIGHER
EFFICIENCY**



**LOWER TEMPERATURE
COEFFICIENT**



**LOW ATTENUATION,
LONG WARRANTY**



**SUPEREMINENT
VISUAL APPEAL**

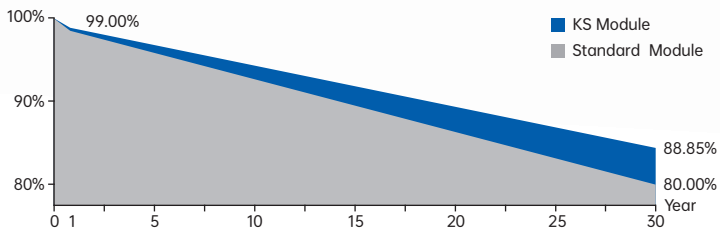
WARRANTY



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

635-670W

KS-BL/132HG

ELECTRICAL CHARACTERISTICS (STC)

Maximum Power (Pm)	W	635	640	645	650	655	660	665	670
Power Tolerance	W	0~+5							
Maximum Power Voltage (Vm)	V	40.68	40.78	40.88	40.98	41.08	41.18	41.28	41.38
Maximum Power Current (Im)	A	15.61	15.69	15.78	15.86	15.94	16.03	16.11	16.19
Open Circuit Voltage (Voc)	V	49.42	49.52	49.62	49.72	49.82	49.92	50.02	50.12
Short Circuit Current (Isc)	A	16.30	16.38	16.46	16.54	16.62	16.70	16.78	16.86
Module Efficiency (ηm)	%	23.5	23.7	23.9	24.1	24.2	24.4	24.6	24.8

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

ELECTRICAL CHARACTERISTICS (NMOT)

Maximum Power (Pm)	W	483.4	487.2	491.0	494.8	498.6	502.4	506.2	510.0
Maximum Power Voltage (Vm)	V	38.66	38.76	38.85	38.95	39.04	39.14	39.23	39.33
Maximum Power Current (Im)	A	12.51	12.58	12.65	12.72	12.78	12.85	12.92	12.98
Open Circuit Voltage (Voc)	V	46.97	47.06	47.16	47.25	47.35	47.44	47.54	47.63
Short Circuit Current (Isc)	A	13.09	13.16	13.22	13.28	13.35	13.41	13.48	13.54

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

MECHANICAL SPECIFICATIONS

External Dimension (L×W×H)	2382×1134×30mm
Weight	33kg
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

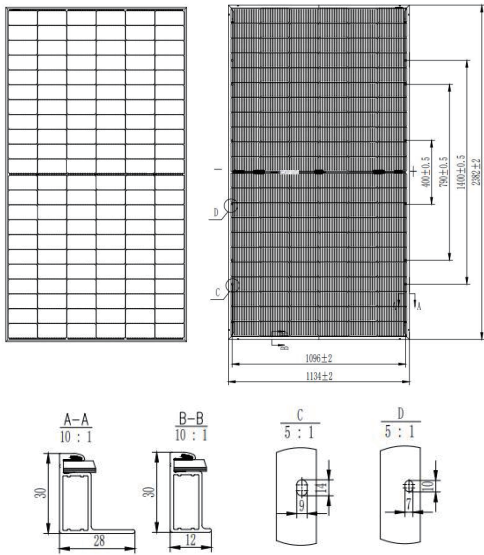
APPLICATION CONDITIONS

Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	30A
Operating Temperature	-40°C ~ +85°C
Mechanical Load	5400Pa/2400Pa
Hail Test	25mm diameter hail at 23m/s
Bifaciality	70±5%
Application Rating	Class A

TEMP CHARACTERISTICS

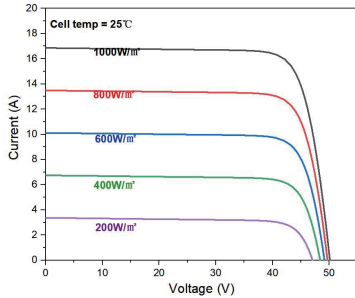
Nominal Module Operating Temperature	45±2°C
Temperature Coefficient of Pmax	-0.260%/°C
Temperature Coefficient of Voc	-0.200%/°C
Temperature Coefficient of ISC	+0.050%/°C

TECHNICAL DRAWING

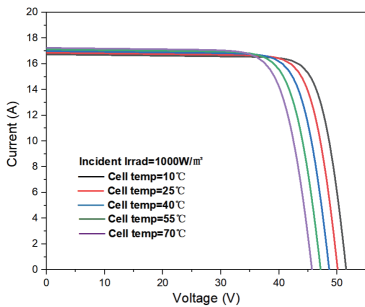


I-V CURVE

I-V characteristics at different irradiance (KS-BL/132HG670W)



I-V characteristics at different temperatures (KS-BL/132HG670W)



PACKING CONFIGURATION

Container	40'HC
Pieces per Pallet	37 pcs
Packaging box Size	2439×1145×1260mm
Pieces per Container	740 pcs