710~740 Watt

HORAY | TIER1 BloombergNEF

HS 210-132 HJ-D *Galaxy* HJT Bifacial Modules

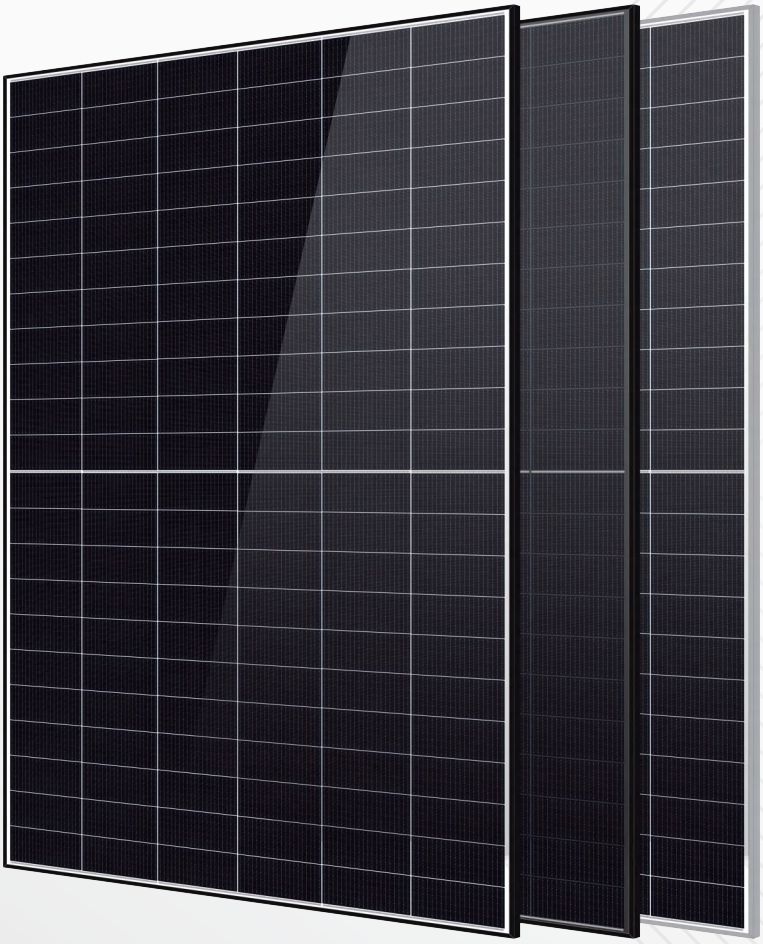
HJT Technology
Hydrogenated amorphous silicon thin films and µc-Si technology to ensure higher cell efficiency.

Higher Output Power
The output power is as high as 740W, and bifaciality is up to 85% , provide more power from rear side.

Better Weather Adaptability
Excellent low light performance, lower temperature coefficients and power loss under high temperature.

Lower Power Attenuation
Anti-PID and negligible LID/LeTID, which reduces power loss.

Ideal Choice For Utility Project
Lower BOS cost, lower LCOE, and improved ROI.



IEC 61215:2021

IEC 61730:2023

ISO 9001:2015 Quality Management System

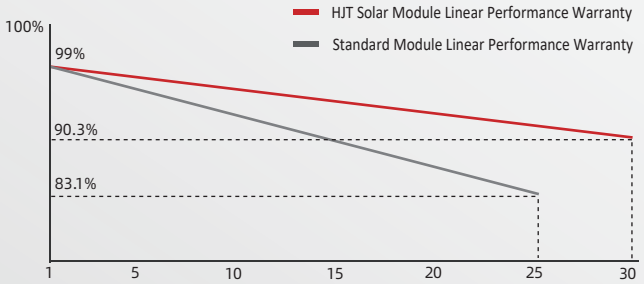
ISO 14001:2015 Environmental Management System

ISO 45001:2018 Occupational Health and Safety Management System

CE Marking: European Conformity

CQC: China Quality Certification Centre

Solar Product Certification



15 15-year product warranty

30 30-year linear power output warranty

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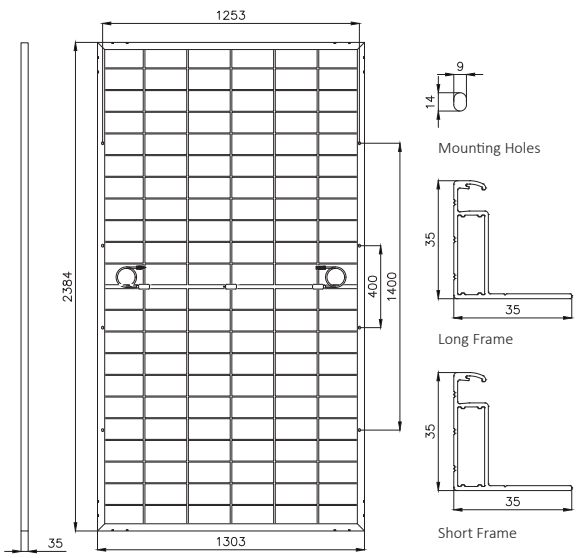
Robert-Bosch-Straße 27-29, 63225 Langen, Germany

HS 210-132 HJ-D

MECHANICAL DIAGRAMS



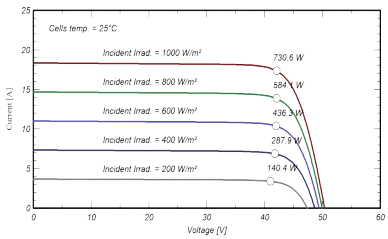
Unit:mm Tolerance:±2mm

MECHANICAL PARAMETERS

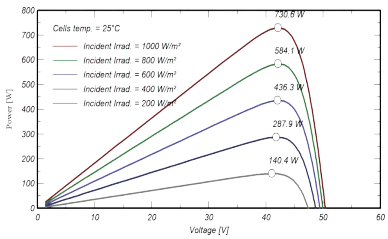
Weight	38.5kg
Dimension	2384×1303×35mm
Cell Orientation	132(6×22)
Junction Box	IP68, three diodes
Output Cable	4mm², ±300mm (length can be customized)
Connector	MC4 compatible
Glass	2.0+2.0mm AR coated heat strengthened glass
Frame	Anodized aluminum alloy frame
Packaging	31pcs per pallet/558pcs per 40'HC

CURVES OF PV MODULE

HS730HJ-MHG-D



HS730HJ-MHG-D



ELECTRICAL CHARACTERISTICS AT STC

Module Type	HS710HJ-MHG-D	HS715HJ-MHG-D	HS720HJ-MHG-D	HS725HJ-MHG-D	HS730HJ-MHG-D	HS735HJ-MHG-D	HS740HJ-MHG-D
Testing Condition	STC	STC	STC	STC	STC	STC	STC
Maximum Power(Pmax/W)	710	715	720	725	730	735	740
Open Circuit Voltage(Voc/V)	49.58	49.68	49.76	49.85	49.93	50.03	50.11
Short Circuit Current(Isc/A)	18.06	18.16	18.25	18.35	18.44	18.53	18.63
Maximum Power Voltage(Vmp/V)	42.45	42.53	42.60	42.68	42.75	42.83	42.90
Maximum Power Current(Imp/A)	16.73	16.81	16.90	16.99	17.08	17.16	17.25
Module Efficiency(%)	22.9	23.0	23.2	23.3	23.5	23.7	23.8

* Standard Test Conditions (STC): Irradiance 1000W/m², AM 1.5, Cell temperature 25°C. Power measurement tolerance: ±3%.

ELECTRICAL CHARACTERISTICS AT BNPI

Module Type	HS710HJ-MHG-D	HS715HJ-MHG-D	HS720HJ-MHG-D	HS725HJ-MHG-D	HS730HJ-MHG-D	HS735HJ-MHG-D	HS740HJ-MHG-D
Testing Condition	BNPI	BNPI	BNPI	BNPI	BNPI	BNPI	BNPI
Maximum Power(Pmax/W)	791	797	802	808	814	820	826
Open Circuit Voltage(Voc/V)	49.71	49.80	49.88	49.97	50.06	50.15	50.23
Short Circuit Current(Isc/A)	20.20	20.30	20.41	20.51	20.62	20.72	20.83
Maximum Power Voltage(Vmp/V)	42.56	42.64	42.71	42.79	42.86	42.94	43.01
Maximum Power Current(Imp/A)	18.59	18.69	18.78	18.88	18.99	19.10	19.21

* Bifacial Nameplate Irradiance(BNPI): Irradiance front 1000W/m², rear 135W/m². Power measurement tolerance: ±3%.

OPERATING PARAMETERS

Operating Temperature Range	-40°C~+85°C
Power Output Tolerance	0~3%
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	35A
Nominal Module Operating Temperature	44±2°C
[T98]max	≤70°C
Protection Class	Class II
Bifaciality coefficient of Pmax	85±5%
Fire Rating	IEC Class A

MECHANICAL LOADING

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

TEMPERATURE RATINGS (STC)

Temperature Coefficient of Isc	+0.04%/°C
Temperature Coefficient of Voc	-0.22%/°C
Temperature Coefficient of Pmax	-0.24%/°C

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
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Specifications included in this datasheet are subject to change without notice.
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