700~730 Watt

HORAY | TIER1 BloombergNEF

HS 210-132 TC-D *Galaxy* *N-type Bifacial Modules*

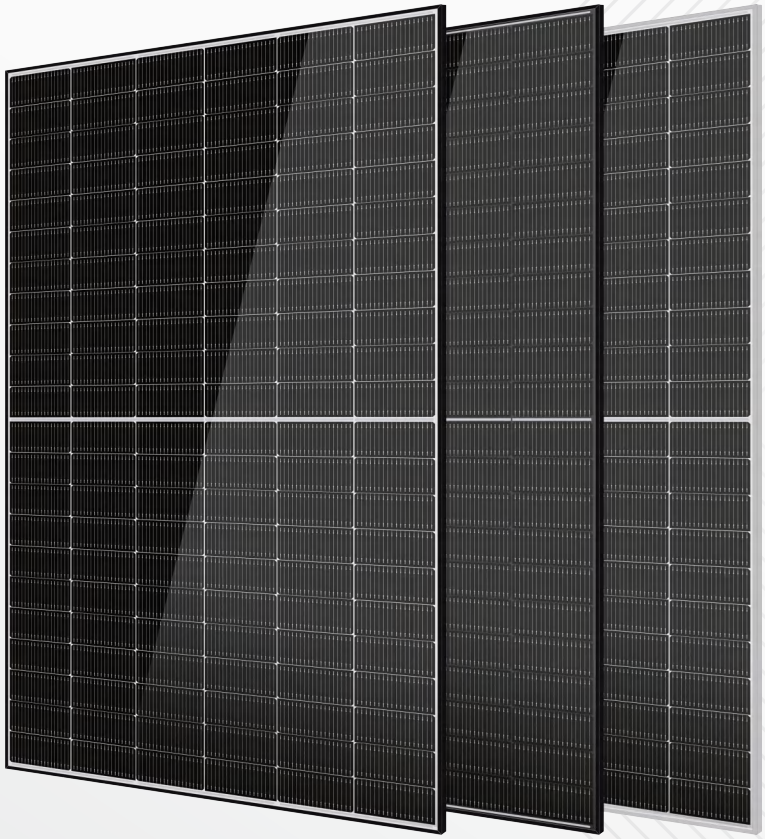
SMBB Half-Cell Technology
More uniform current distribution, reducing heat loss in internal cells.

Higher Output Power
The output power of 132 half-cell monocrystalline modules is up to 730W.

Low Light Features
Higher performance under low light environment.

Harsh Environmental Adaptability
Strict salt spray and ammonia corrosion tests by a third party.

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



IEC 61215:2021

IEC 61730:2023

ISO 9001:2015 Quality Management System

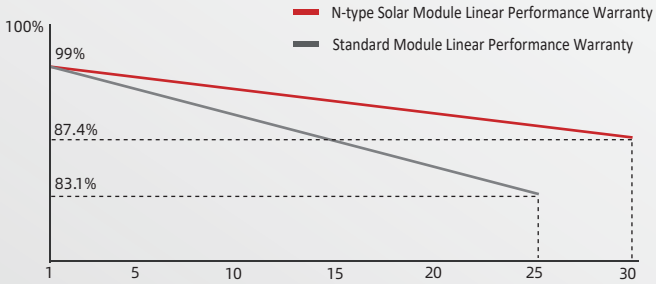
ISO 14001:2015 Environmental Management System

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

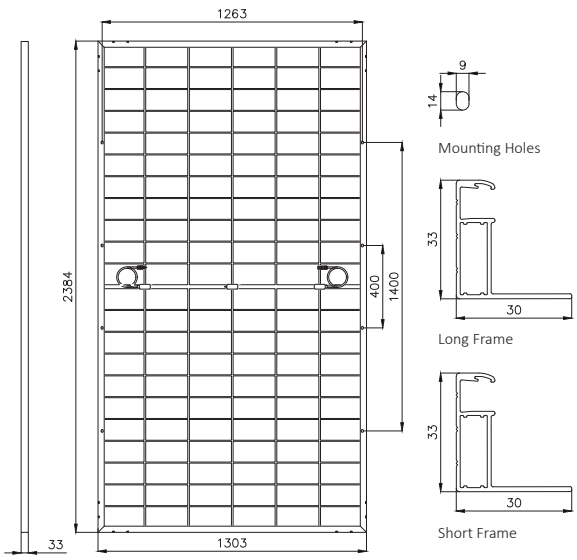
30 30-year linear power output warranty

HEADQUARTER: HORAY SOLAR CO., LTD.
sales@horaysolar.com www.horaysolar.com +86-510 83580688
No.300 Huiming Road, Huishan District, 214177 Wuxi, Jiangsu, P.R. China

GLOBAL MARKETING AND SERVICE: HORAY SOLAR GMBH
info@horaysolar.com www.horaysolar.com
Robert-Bosch-Straße 27-29, 63225 Langen, Germany

HS 210-132 TC-D

MECHANICAL DIAGRAMS



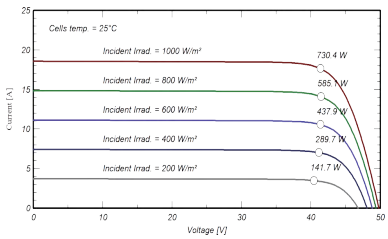
Unit:mm Tolerance:±2mm

MECHANICAL PARAMETERS

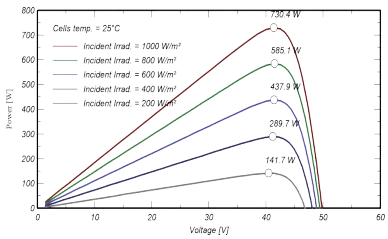
Weight	38.5kg
Dimension	2384×1303×33mm
Cell Orientation	132(6×22)
Junction Box	IP68, three diodes
Output Cable	4mm², ±300mm (length can be customized)
Connector	MC4 compatible
Glass	2.0+2.0mm AR coated heat strengthened glass
Frame	Anodized aluminum alloy frame
Packaging	33pcs per pallet/594pcs per 40'HC

CURVES OF PV MODULE

HS730TC-MHG-D



HS730TC-MHG-D



ELECTRICAL CHARACTERISTICS AT STC

Module Type	HS700TC-MHG-D	HS705TC-MHG-D	HS710TC-MHG-D	HS715TC-MHG-D	HS720TC-MHG-D	HS725TC-MHG-D	HS730TC-MHG-D
Testing Condition	STC	STC	STC	STC	STC	STC	STC
Maximum Power(Pmax/W)	700	705	710	715	720	725	730
Open Circuit Voltage(Voc/V)	48.75	48.80	49.00	49.20	49.40	49.60	49.80
Short Circuit Current(Isc/A)	18.27	18.36	18.40	18.44	18.49	18.52	18.56
Maximum Power Voltage(Vmp/V)	40.61	40.70	40.90	41.10	41.30	41.50	41.70
Maximum Power Current(Imp/A)	17.24	17.32	17.36	17.40	17.44	17.47	17.51
Module Efficiency(%)	22.5	22.7	22.9	23.0	23.2	23.3	23.5

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

ELECTRICAL CHARACTERISTICS AT BNPI

Module Type	HS700TC-MHG-D	HS705TC-MHG-D	HS710TC-MHG-D	HS715TC-MHG-D	HS720TC-MHG-D	HS725TC-MHG-D	HS730TC-MHG-D
Testing Condition	BNPI	BNPI	BNPI	BNPI	BNPI	BNPI	BNPI
Maximum Power(Pmax/W)	770	776	781	786	791	796	801
Open Circuit Voltage(Voc/V)	48.75	48.80	49.00	49.20	49.40	49.60	49.80
Short Circuit Current(Isc/A)	20.09	20.21	20.24	20.27	20.30	20.33	20.36
Maximum Power Voltage(Vmp/V)	40.61	40.70	40.90	41.10	41.30	41.50	41.70
Maximum Power Current(Imp/A)	18.96	19.07	19.10	19.12	19.15	19.18	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	30A
Nominal Module Operating Temperature	45±2°C
[T98]max	≤70°C
Protection Class	Class II
Bifaciality coefficient of Pmax	80±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	-0.23%/°C
Temperature Coefficient of Pmax	-0.28%/°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.
Version number: HS210-TC-D-2026-A1

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