

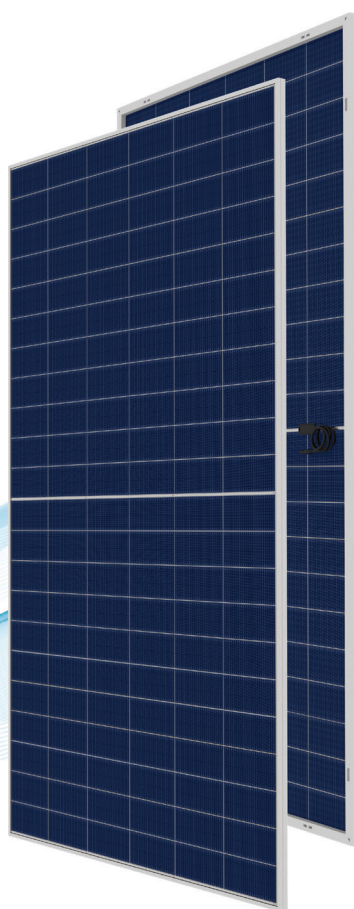
HD HYUNDAI SOLAR MODULE

HeteroMax™ (GH-ZB Series)

Premium N-Type HJT module

HiT-H705GH-ZB | HiT-H710GH-ZB | HiT-H715GH-ZB | HiT-H720GH-ZB

HiT-H725GH-ZB | HiT-H730GH-ZB | HiT-H735GH-ZB



23.7%
High Efficiency



High-End
Heterojunction
Technology



Enhanced Power
Generation with low
Temp. Coefficient



More Power
Generation
In Low Light



For Commercial
& Utility
Applications

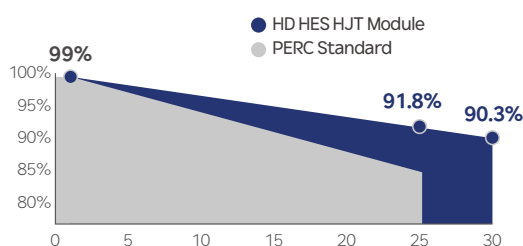
HD Hyundai's Warranty Provisions

15
YEARS

- 15-Year Product Warranty
- Materials and workmanship

30
YEARS

- 30-Year Performance Warranty
- First year degradation: 1%
- Linear warranty after initial year: with 0.3%p annual degradation, 90.3% is guaranteed up to 30years



*Refer to HD HES standard warranty for details.

Certification



- ISO 9001:2015:ISO Quality Management System
- ISO 14001:2015:ISO Environment Management System
- ISO 45001:Occupational Health and Safety
- IEC 61215, IEC 61730



Electrical Characteristics (STC*)

HiT-HxxxGH-ZB								
Item	Unit	705	710	715	720	725	730	735
Nominal Output (Pmax)	W	705	710	715	720	725	730	735
Open Circuit Voltage (Voc)	V	49.87	49.97	50.07	50.17	50.27	50.37	50.47
Short Circuit Current (Isc)	A	17.90	17.99	18.08	18.17	18.26	18.35	18.44
Voltage at Pmax (Vmpp)	V	41.87	41.96	42.05	42.14	42.23	42.32	42.41
Current at Pmax (Impp)	A	16.84	16.93	17.02	17.10	17.18	17.26	17.34
Module Efficiency	%	22.7	22.9	23.0	23.2	23.3	23.5	23.7
Power Selection	W	0 ~ +5						
Temperature Coefficient of Pmax	%/°C	-0.24						
Temperature Coefficient of Voc	%/°C	-0.22						
Temperature Coefficient of Isc	%/°C	0.04						
Bifaciality	%	90±5						

*STC : Irradiance 1,000 W/m², cell temperature 25°C, AM=1.5 / Test uncertainty for Pmax ±3%; Voc ±3%; Isc ±5%

BNPI** (Bifacial Nameplate Irradiance)

Item	Unit	705	710	715	720	725	730	735
Nominal Output (Pmax)	W	790	796	801	807	813	818	824
Open Circuit Voltage (Voc)	V	50.04	50.14	50.24	50.34	50.44	50.54	50.65
Short Circuit Current (Isc)	A	20.07	20.18	20.28	20.38	20.48	20.58	20.68
Voltage at Pmax (Vmpp)	V	42.02	42.11	42.20	42.29	42.38	42.47	42.56
Current at Pmax (Impp)	A	18.82	18.91	19.00	19.10	19.19	19.28	19.37

**The electrical properties of BNPI are measured under the irradiance corresponding to 1000 W/m² on the module front and 135 W/m² on the module rear.

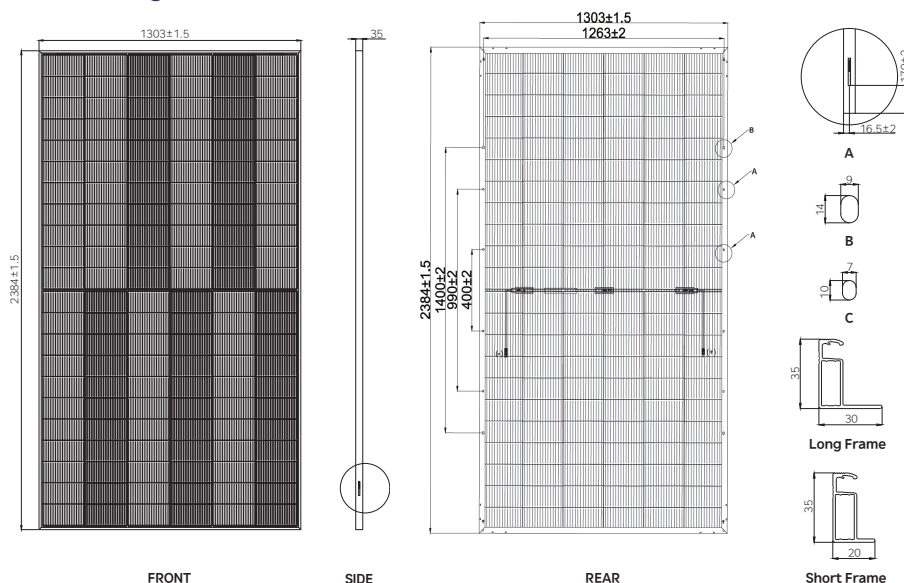
Mechanical Characteristics

Dimensions	2,384 mm (L) x 1,303 mm (W) x 35 mm (H)
Weight	38.1 kg
Solar Cells	N-Type HJT, 132 (6x22) monocrystalline half-cut bifacial cells
Output Cables	Cable : 4mm ² / 12AWG / (+)300 mm, (-)300 mm / Customized length Connector : MC4 / MC4-Evo2 / MC4-Evo2A / PV-H4 / Z4S-abcd / PV-ZH202B
Junction Box	3-part, 3 bypass diodes, IP68 rated
Construction	Front : 2.0mm semi-tempered solar glass with anti-reflective coating Rear : 2.0mm semi-tempered solar glass
Frame	Anodized aluminum alloy

Shipping Configurations

Container Size (HC)	40'	Modules Per Pallet (pcs)	31
Pallets Per Container	18	Modules Per Container (pcs)	558

Module Diagram (unit : mm)



Installation Safety Guide

- Only qualified personnel should install or perform maintenance.
- Be aware of dangerous high DC voltage.
- Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

Nominal Module Operation Temperature	44°C ± 2°C
Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	DC 1,500 V
Maximum Reverse Current	35A
Maximum Test Load	Front 5,400Pa Rear 2,400Pa

I-V Curves (HiT-H725GH-ZB)

