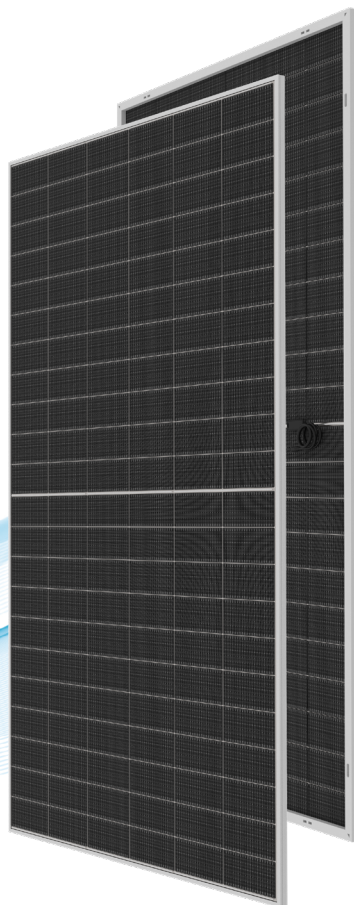


HD HYUNDAI SOLAR MODULE

HeteroMax™ (GH Series)

Premium N-Type HJT module

HiT-H700GH | HiT-H705GH | HiT-H710GH | HiT-H715GH | HiT-H720GH



23.2%
High Efficiency



High-End
Heterojunction
Technology



Enhanced Power
Generation with low
Temp. Coefficient



More Power
Generation
In Low Light



For Commercial
& Utility
Applications

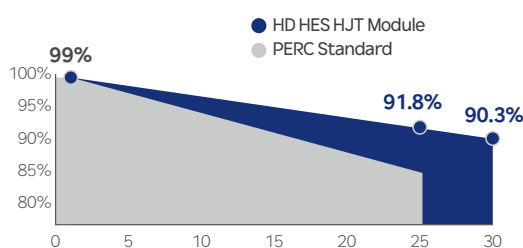
HD Hyundai's Warranty Provisions

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						
Item	Unit	700	705	710	715	720
Nominal Output (Pmax)	W	700	705	710	715	720
Open Circuit Voltage (Voc)	V	49.77	49.87	49.97	50.07	50.17
Short Circuit Current (Isc)	A	17.81	17.90	17.99	18.08	18.17
Voltage at Pmax (Vmpp)	V	41.78	41.87	41.96	42.05	42.14
Current at Pmax (Impp)	A	16.76	16.84	16.93	17.02	17.10
Module Efficiency	%	22.5	22.7	22.9	23.0	23.2
Power Selection	W	0 ~ +5				
Temperature Coefficient of Pmax	%/K	-0.24				
Temperature Coefficient of Voc	%/K	-0.22				
Temperature Coefficient of Isc	%/K	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	700	705	710	715	720
Nominal Output (Pmax)	W	785	790	796	801	807
Open Circuit Voltage (Voc)	V	49.94	50.04	50.14	50.24	50.34
Short Circuit Current (Isc)	A	19.97	20.07	20.18	20.28	20.38
Voltage at Pmax (Vmpp)	V	41.92	42.02	42.11	42.20	42.29
Current at Pmax (Impp)	A	18.73	18.82	18.91	19.00	19.10

**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.

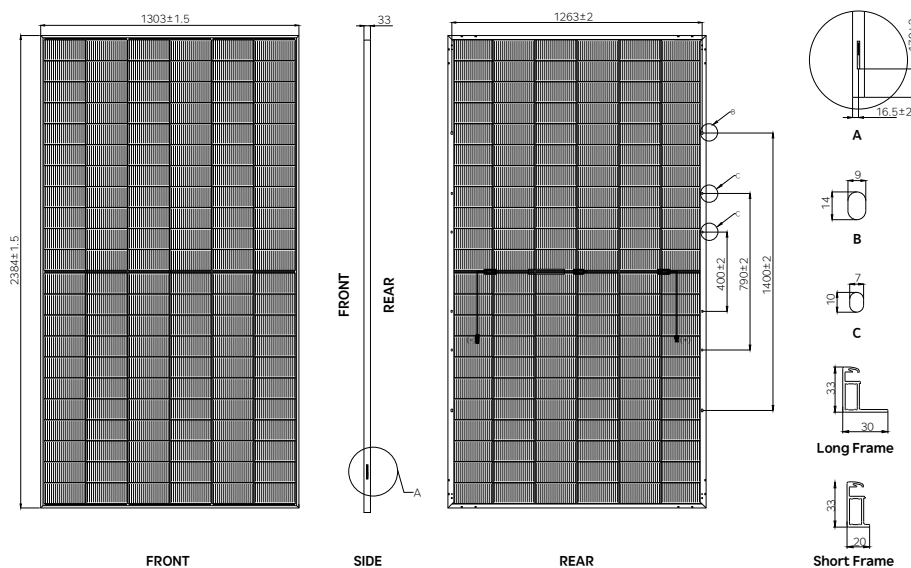
Mechanical Characteristics

Dimensions	2,384 mm (L) x 1,303 mm (W) x 33 mm (H)
Weight	37.9 kg
Solar Cells	N-Type HJT, 132 (6x22) monocrystalline half-cut bifacial cells
Output Cables	Cable : 4mm ² / 12AWG / (+)350 mm, (-)250 mm / Customized length Connector : MC4 / MC4-Evo2A / PV-H4 / Z4S-abcd / ST4
Junction Box	3-part, 3 bypass diodes, IP68 rated
Construction	Front : 2.0mm semi-tempered solar glass with light conversion and anti-reflective coating Rear : 2.0mm semi-tempered solar glass
Frame	Anodized aluminum alloy

Shipping Configurations

Container Size (HC)	40'	Modules Per Pallet (pcs)	33
Pallets Per Container	18	Modules Per Container (pcs)	594

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-H710GH)

