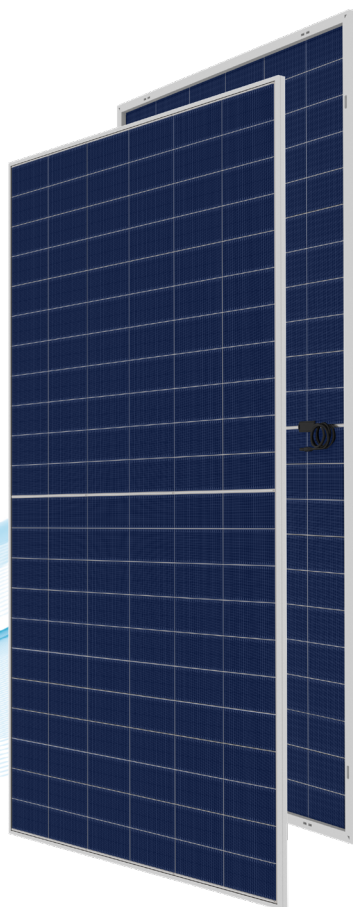


HD HYUNDAI SOLAR MODULE

HeteroMax™ (GH Series)

Premium N-Type HJT module

HiT-H715GH | HiT-H720GH | HiT-H725GH | HiT-H730GH | HiT-H735GH



23.6%
High Efficiency



High-End
Heterojunction
Technology



Enhanced Power
Generation with low
Temp. Coefficient



More Power
Generation
In Low Light



For Commercial
& Utility
Applications

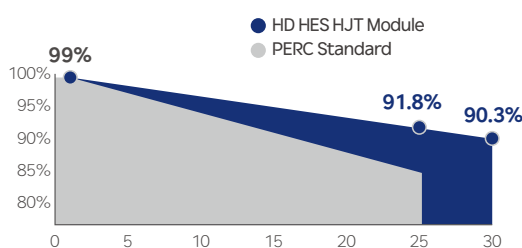
HD Hyundai's Warranty Provisions

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: Quality Management System
- ISO 14001:2015: Environmental Management System
- ISO 45001:2018: Occupational Health and Safety Management System
- IEC 61215, IEC 61730

Electrical Characteristics (STC*)

HiT-HxxxGH						
Item	Unit	715	720	725	730	735
Nominal Output (Pmax)	W	715	720	725	730	735
Open Circuit Voltage (Voc)	V	49.93	50.00	50.07	50.14	50.21
Short Circuit Current (Isc)	A	17.82	17.92	18.02	18.12	18.22
Voltage at Pmax (Vmpp)	V	42.45	42.50	42.55	42.60	42.65
Current at Pmax (Impp)	A	16.91	17.01	17.11	17.21	17.31
Module Efficiency	%	23.0	23.1	23.3	23.5	23.6
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 ±4%

BNPI** (Bifacial Nameplate Irradiance)

Item	Unit	715	720	725	730	735
Nominal Output (Pmax)	W	800	805	810	815	820
Open Circuit Voltage (Voc)	V	49.93	50.00	50.07	50.14	50.21
Short Circuit Current (Isc)	A	19.96	20.07	20.16	20.25	20.36
Voltage at Pmax (Vmpp)	V	42.45	42.50	42.55	42.60	42.65
Current at Pmax (Impp)	A	18.94	19.05	19.14	19.23	19.34

**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.

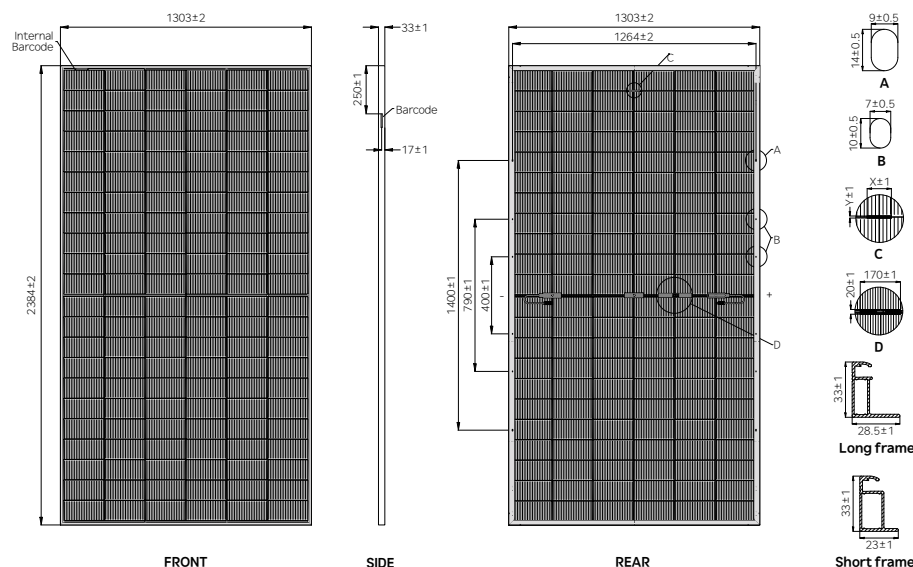
Mechanical Characteristics

Dimensions	2,384 mm (L) x 1,303 mm (W) x 33 mm (H)
Weight	38 kg
Solar Cells	N-Type HJT, 132 (6x22) monocrystalline half-cut bifacial cells
Output Cables	Cable : 4mm ² / (+)1,250 mm, (-)1,250 mm / Customized length Connector : MC4 Compatible or Original Stäubli MC4 or MC4-EVO2A
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)	33
Pallets Per Container (pcs)	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-H725GH)

