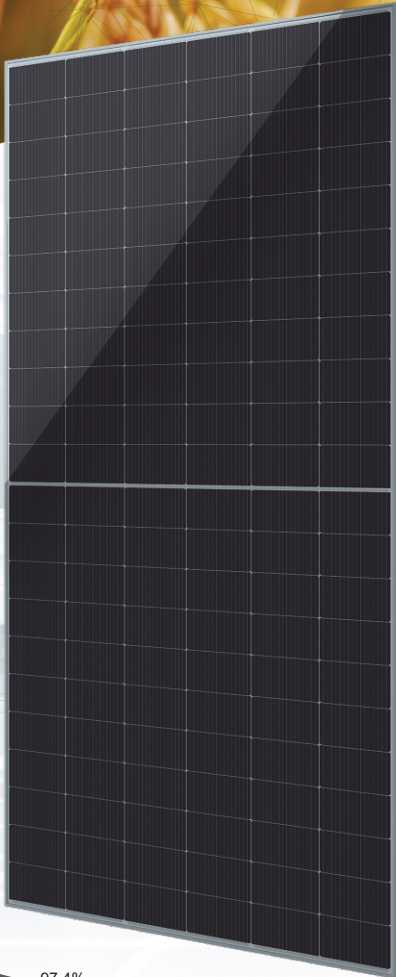


SOLAR MODULE 710 - 735 W



G12 - TOPCON Bifacial Halfcut Module With Double Glass



N-TYPE TOPCON CELL TECHNOLOGY

Based on G12-210 mm wafer with multi-busbar
Best choice for ultra-large power plants



MODULE TECHNOLOGY

Half-cut cell technology; High module efficiency
Low breakage rate; Annual power degradation 0.4%
Less power loss by minimizing the shading impact



HOT SPOT LOSS

Optimized electrical design and lower operating current
Reduced hot spot loss and better temperature coefficient.



FAST & SAFE

Easy installation and handling
Environmentally friendly



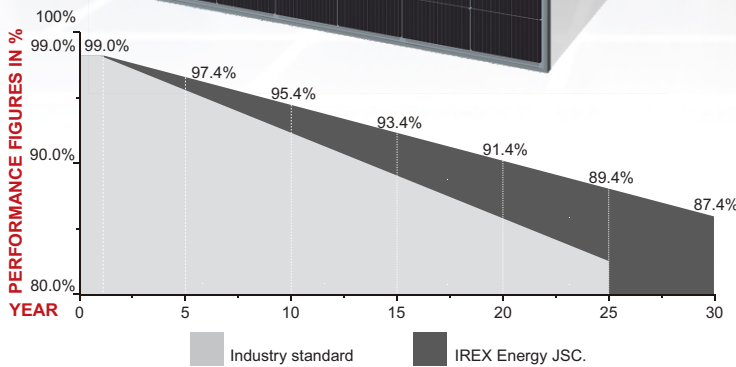
MODULE DURABILITY

Mechanical load test Front side 5400Pa/Rear side 2400Pa
Ideal for PV rooftops, ground mount, floating



THE #1 DOMESTIC PV MANUFACTURER IN VIETNAM

100% Automatic production line
International quality PV technology



ADDITIONAL LINEAR WARRANTY VALUE FROM IREX ENERGY JSC

CERTIFICATES



ISO 9001:2015: Quality Management System
ISO 14001:2015: Environmental Management System
IEC 61215: Terrestrial Photovoltaic (PV) Modules – Design
Qualification and Type Approval
IEC 61730: Photovoltaic (PV) Module Safety Qualification



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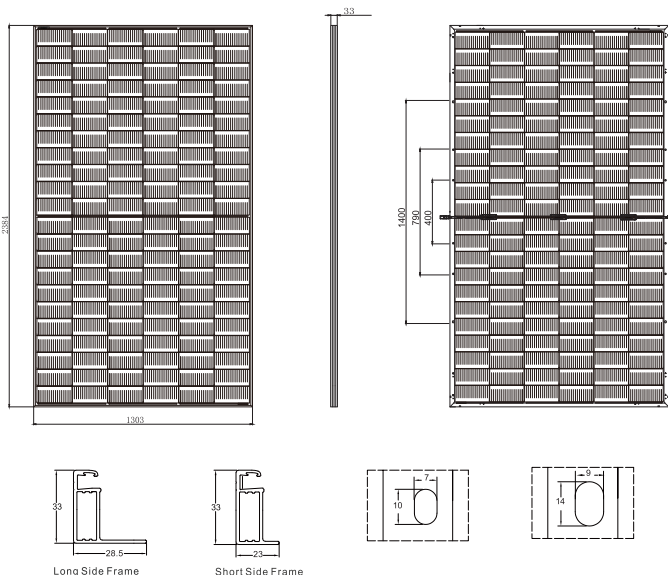
SOLAR MODULE

710 - 735 W



Mechanical Specifications

External Dimensions	2384 x 1303 x 33 mm
Weight	37.1 kg
Solar Cells	N-type TOPCon Mono 105 x 210 mm (144 pcs)
Glass	Front: 2.0 mm, AR coating, semi-tempered
	Rear: 2.0 mm, semi-tempered
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0 mm ² , 350 mm(+)/ 280 mm(-) or Customized Length
Mechanical Load	Front Side Maximum Static Loading 5400Pa Rear Side Maximum Static Loading 2400Pa



*Tolerance: Length: ±2mm Width: ±2mm Height: ±1mm Row Pitch: ±2mm

Electrical Characteristics

Module Type	IRM66HTBD4-710		IRM66HTBD4-715		IRM66HTBD4-720		IRM66HTBD4-725		IRM66HTBD4-730		IRM66HTBD4-735	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax)	710	536	715	540	720	543	725	547	730	551	735	555
Open Circuit Voltage (Voc)	48.91	46.38	49.14	46.56	49.36	46.74	49.55	46.92	49.71	47.10	49.87	47.28
Short Circuit Current (Isc)	18.15	14.65	18.19	14.68	18.24	14.71	18.32	14.74	18.38	14.77	18.44	14.80
Maximum Power Voltage (Vmp)	41.50	39.12	41.69	39.27	41.91	39.38	42.10	39.55	42.25	39.74	42.39	39.93
Maximum Power Current (Imp)	17.11	13.70	17.15	13.75	17.18	13.79	17.22	13.83	17.28	13.86	17.34	13.89
Module Efficiency at STC (ηm)	22.9		23.0		23.2		23.3		23.5		23.7	
Power Tolerance	(0 ~ +5 W)											
Maximum System Voltage	1500 VDC											
Maximum Series Fuse Rating	35 A											

STC: Irradiance 1000 W/m², cell temperature 25°C, spectrum AM1.5

NMOT: Irradiance 800 W/m², ambient temperature 20°C, spectrum AM1.5, wind speed 1m/s

Different Rearside Power Gain

	(Reference to 715 W)		
Rearside Power Gain	5%	10%	20%
Maximum Power at STC (Pmax)	750.8	786.5	858.0
Open-circuit Voltage (Voc/V)	49.1	49.1	49.1
Short-circuit Current (Isc/A)	19.1	20.0	21.8
Maximum Power Voltage (Vmp/V)	41.7	41.7	41.7
Maximum Power Current (Imp/A)	18.0	18.9	20.6
Module Efficiency (%)	24.2	25.3	27.6

*The above data is for reference only. When signing a contract, the latest version of the product specification shall prevail.

Temperature Characteristics

Pmax Temperature Coefficient	-0.290 %/°C
Voc Temperature Coefficient	-0.250 %/°C
Isc Temperature Coefficient	+0.045 %/°C
Operating Temperature	-40 ~ +85 °C
Nominal Module Operating Temperature (NMOT)	45 ± 2 °C

Packing Configuration

	2384 x 1303 x 33 mm
Container	40 HC
Pieces per Pallet	33
Pallets per Container	18
Pieces per Container	594