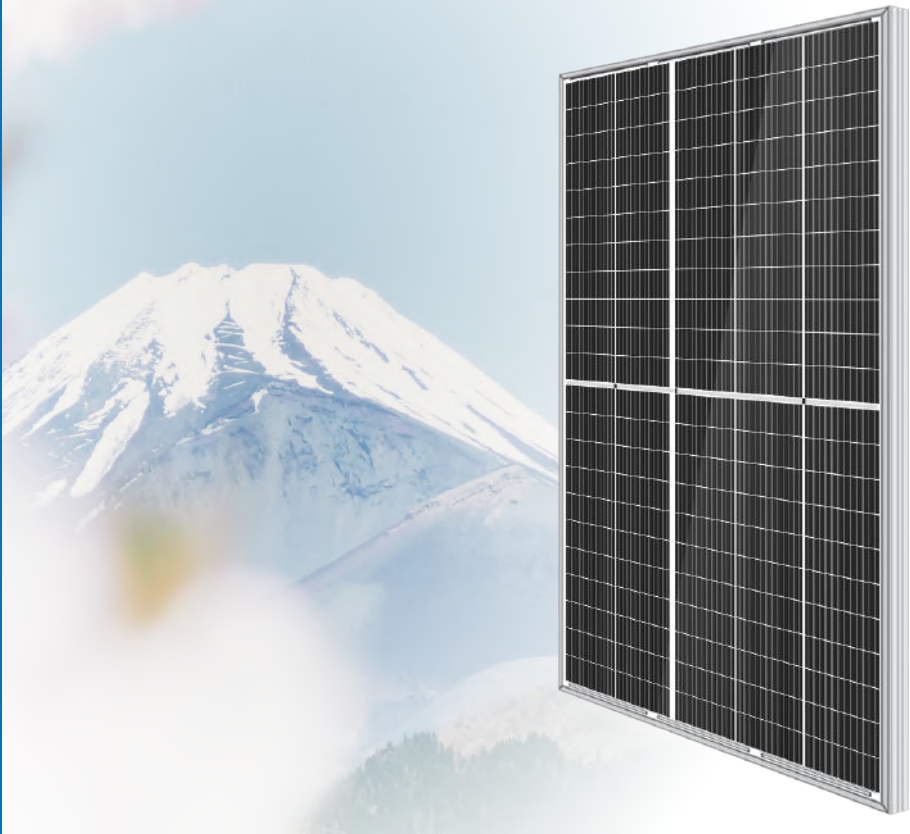


IE210*210/M/55/MH

Rated Power 540-560W



MBB Cell
New circuit design, lower internal current, lower internal resistance loss.

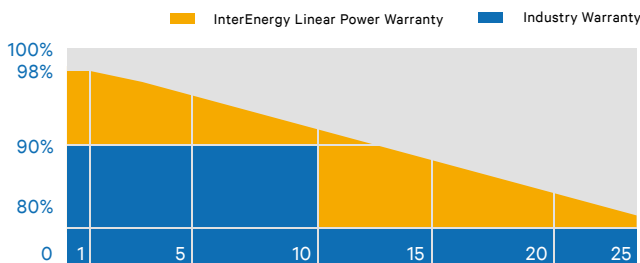


Low Light Features
Higher performance under low light environment.



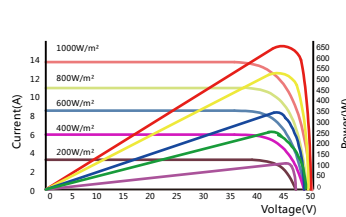
Higher Output Power
Module adopts 110 pcs of 210*210mm half cells, the maximum power can reach 560W.

INTER ENERGY

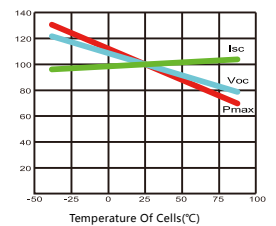


CHARACTERISTICS

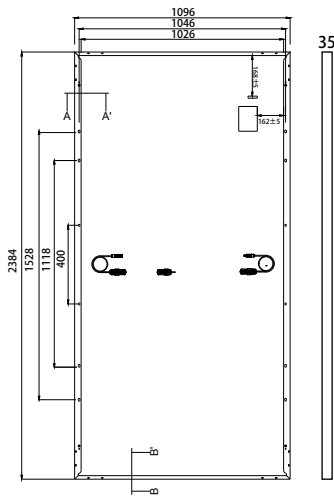
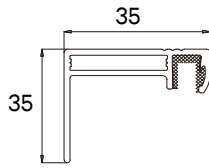
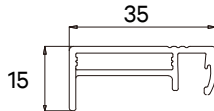
IE210*210/M/55/MH/540W



IE210*210/M/55/MH/540W



MECHANICAL DIAGRAMS


Frame Cross Section A-A

Frame Cross Section B-B


SPECIFICATIONS

Weight	29.5kg
Dimensions	2384mm*1096mm*35mm
Cell Dimensions	210*210mm
Cell Amount	55*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , Landscape: N 1400mm/P 1400mm Portrait: N 280mm/P 280mm
Connector	MC4 compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Power	540W	545W	550W	555W	560W
Open Circuit Voltage	37.86V	38.06V	38.26V	38.46V	38.66V
Short Circuit Current	18.12A	18.17A	18.22A	18.27A	18.32A
Maximum Power Voltage	31.56V	31.76V	31.96V	32.16V	32.36V
Maximum Power Current	17.11A	17.16A	17.21A	17.26A	17.31A
Module Efficiency	20.67%	20.86%	21.05%	21.24%	21.43%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL PARAMETERS AT NMOT

Power	409W	413W	417W	420W	424W
Open Circuit Voltage	35.13V	35.32V	35.51V	35.69V	35.88V
Short Circuit Current	14.86A	14.90A	14.94A	14.98A	15.02A
Maximum Power Voltage	29.26V	29.44V	29.63V	29.81V	30.00V
Maximum Power Current	13.98A	14.03A	14.08A	14.07A	14.11A
Module Efficiency	15.65%	15.81%	15.96%	16.06%	16.23%

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

TEMPERATURE CHARACTERISTICS

NMOT	41±3°C	Temp Coefficient of ISC	+0.05%/°C
Temp Coefficient of VOC	-0.28%/°C	Temp Coefficient of Pmax	-0.36%/°C

PACKING CONFIGURATION

Modules/Pallet	31 Pieces	Modules/40'Container	620 Pieces
Packing Description	20 Pallets, Total=(31+31)x10=620 Pieces		

MAXIMUM RATING

Output Tolerance	0~+5W	Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa	Fuse Current	30A