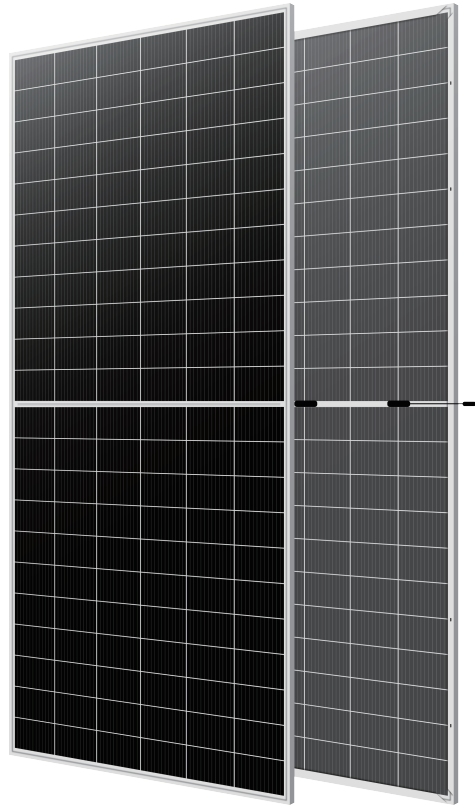


210R GSD8R66M [560-585W]

Bifacial Dual Glass Half-cut Mono Rectangle Perc



IEC 61215 / IEC 61730 / UL 61730

ISO9001: 2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018: Occupational Health And Safety Management System



KEY FEATURES



Rectangle Half-cut Cell Technology

New circuit design, lower internal current, lower Rs loss doped wafer



Significantly Lower The Risk Of Hot Spot

Special circuit design with much lower hot spot temperature



Double Power Output

For higher power output, backside power output can be increased 5-25%



Wider Application

No water-permeability and high wear-resistance, can be widely used in high-humid, windy and dusty area



PID Resistance

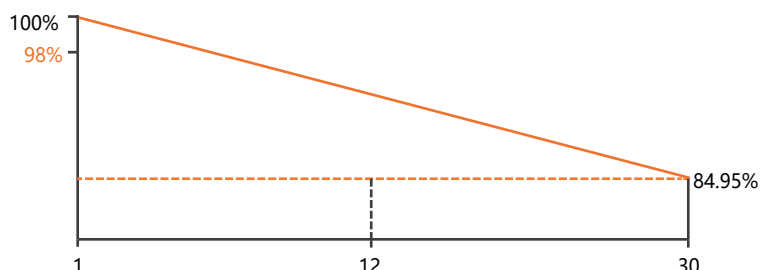
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control

Guaranteed Power Performance

25 Years Product Warranty

30 Years Linear Power Warranty

0.45% Annual Degradation Over 30 Years



As different markets have different certification requirements, please consult our G-Star sales group to obtain the corresponding certification for the local market. If any special requirements are needed for the specific installing environment, please feel free to contact G-star technical support department anytime.

GSD8R66M

560-585W

Bifacial Dual Glass Half-cut Mono Rectangle Perc

Weight

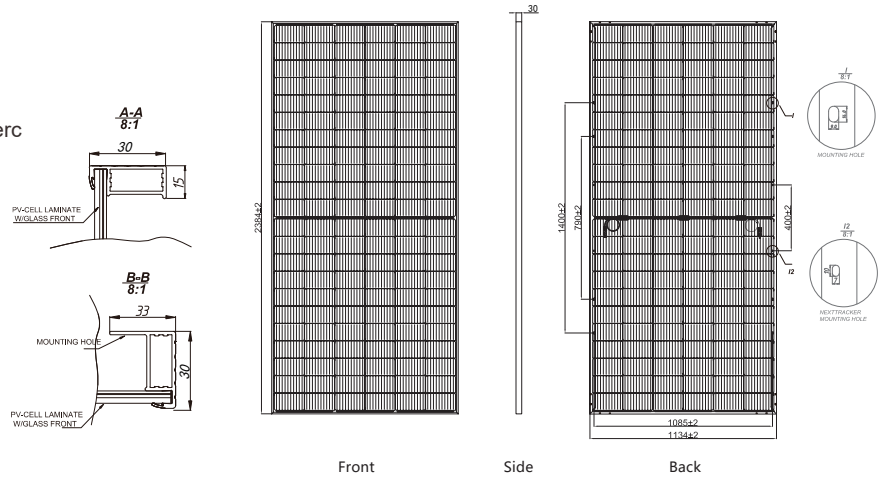
33.5kg

Dimensions

2384*1134*30mm

Packaging

36pcs/pallet,720pcs/ 40'HQ Container



OPERATING CONDITIONS

Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500V/DC(IEC)
Maximum Series Fuse Rating	30A
Power Tolerance	0~3%
Temperature Coefficients Of Pmax	-0.35%/°C
Temperature Coefficients Of Voc	-0.26%/°C
Temperature Coefficients Of Isc	0.048%/°C
Nominal Module Operating Temperature(NMOT)	43±2°C
*Under STC :BACKside Output Ration =Pmax(rear)/Pmax(front) 70%±5%	

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 182*105mm
No. Of Cells	132 pcs in series (6*22)
Front Glass	2.0mm AR Coating Semi-tempered Glass
Backsheet	2.0mm Glazed Semi-tempered Glass
Frame	Anodized Aluminium Alloy,silver or black
Junction Box	IP68 ,3 Bypass Diodes
Output Cables	300mm in legh or Customized Length
Connectors	MC4/MC4-EVO2
Mechanical Load	5400Pa(Front)/2400Pa(Back)

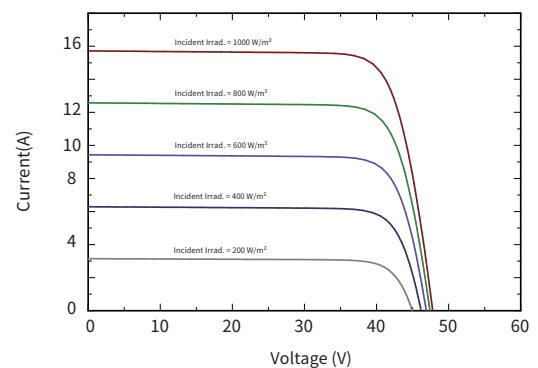
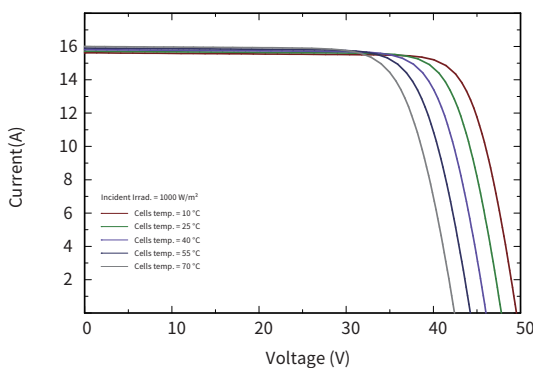
ELECTRICAL PARAMETERS AT STC

Module Type	GSD8R66M-560WT	GSD8R66M-565WT	GSD8R66M-570WT	GSD8R66M-575WT	GSD8R66M-580WT	GSD8R66M-585WT
Maximum Power(Pmax)	560	565	570	575	580	585
Maximum Power Voltage (Vmp)	37.90	38.10	38.30	38.50	38.70	38.90
Maximum Power Current (Imp)	14.78	14.83	14.89	14.94	14.99	15.04
Open-Circuit Voltage (Voc)	45.20	45.50	45.70	46.00	46.20	46.40
Short-Circuit Current (Isc)	15.86	15.90	15.93	15.97	16.01	16.05
Module Efficiency STC (%)	20.71%	20.90%	21.08%	21.27%	21.45%	21.64%
STC: Irradiance 1000W/m²,AM=1.5, Cell temperature 25°C.						

ELECTRICAL PARAMETERS AT BSTC**

Maximum Power(Pmax)	610	615	620	625	630	635
Maximum Power Voltage (Vmp)	37.90	38.10	38.30	38.50	38.70	38.90
Maximum Power Current (Imp)	16.10	16.15	16.19	16.24	16.28	16.33
Open-Circuit Voltage (Voc)	45.20	45.50	45.70	46.00	46.20	46.40
Short-Circuit Current (Isc)	17.54	17.59	17.62	17.67	17.71	17.75
Module Efficiency STC (%)	22.56%	22.75%	22.93%	23.12%	23.30%	23.49%
**BSTC: Front side irradiation 1000W/m², Back side reflection irradiation 135W/m²,AM=1.5, Cell temperature 25°C.						

IV-CURVE



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