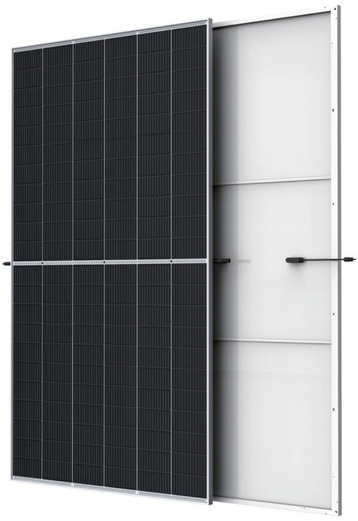
GS66M-655-680

Half Cell Monocrystalline 132 Cells 655W-680W

FEATURES



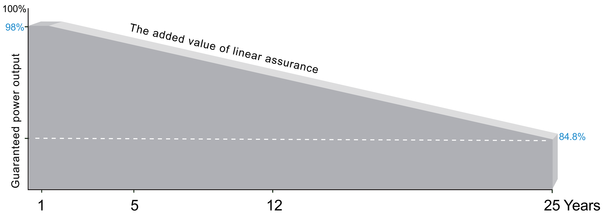
INCREASE POWER OUTPUT
0~+5W power guarantee

ENHANCED POWER OUTPUT
Temperature coefficient of maximum power: -0.35%/℃

REDUCE OCCLUSION LOSS
Very little chance of hot spots, ensuring safe power generation of modules

STRONGER MECHANICAL LOAD
2400pa reverse load, 5400pa front mechanical load

LINEAR PERFORMANCE WARRANTY



15 Years Product Warranty

25 Years Power Warranty

The first year≤3%, 2-25 years≤0.55%/year

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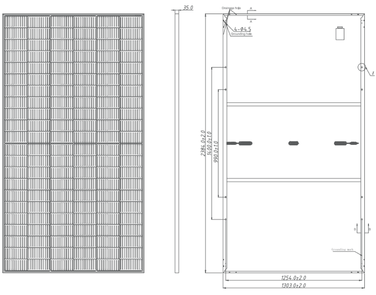
ENGINEERING DRAWINGS



MECHANICAL CHARACTERISTICS

Cell Type	Mono 210x210mm
Weight(kg)	35kg
Glass Thickness	3.2mm
Dimensions (L*W*H)(mm)	2384x1303x35mm
Cable Cross Section Size (mm²)	4mm²
No.of Cells and Connections	132(6x22)
Junction Box	IP68
Connector	MC4 Compatiple

PACKAGING CONFIGURATION

Moduels Per Pallet	31Pcs
Moduels Per 40HQ	558Pcs

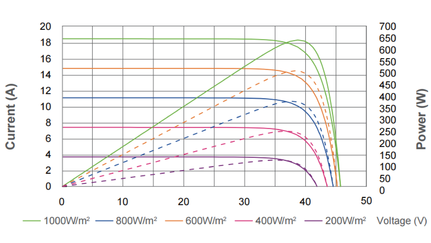
WORKING CONDITION

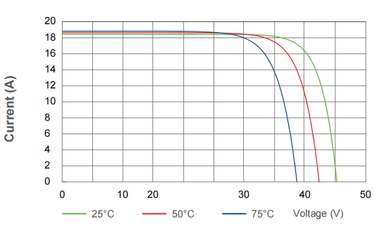
Maximum System Voltage	DC 1500V
Operating Temperature	-40℃~ +85℃
Maximum Series Fuse	30A
Maximum Static Load,Front (e.g.,snow and wind)	5400Pa
Maximum Static Load,Back (e.g.,wind)	2400Pa
NOCT	43±2℃
Application Class	Class A

SPECIFICATIONS

Module	GS66M-655-680											
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power Pmax (W)	655	488	660	492	665	496	670	500	675	504	680	508
Maximum Power Voltage (Vmp/V)	37.60	34.80	37.80	34.90	38.00	35.10	38.20	35.30	38.40	35.50	38.60	35.70
Maximum Power Current (Imp/A)	17.43	14.05	17.47	14.09	17.51	14.13	17.55	14.17	17.58	14.20	17.62	14.23
Open Circuit Voltage (Voc/V)	45.50	42.50	45.70	42.70	45.90	42.90	46.10	43.00	46.30	43.20	46.50	43.40
Short Circuit Current (Isc/A)	18.48	14.82	18.53	14.86	18.58	14.89	18.63	14.93	18.68	14.97	18.73	15.01
Module Efficiency (%)	21.10		21.20		21.40		21.60		21.70		21.90	
Temperature Coefficient of Isc (αIsc)	+0.04%/℃											
Temperature Coefficient of Voc (βVoc)	-0.25%/℃											
Temperature Coefficient of Pmax (γPmp)	-0.34%/℃											
STC	Irradiance 1000W/㎡,Cell Temperature 25℃, Air Mass 1.0											
NOCT	Irradiance 800W/㎡,Cell Temperature 20℃, Air Mass 1.5											

CHARACTERISTIC CURVE





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