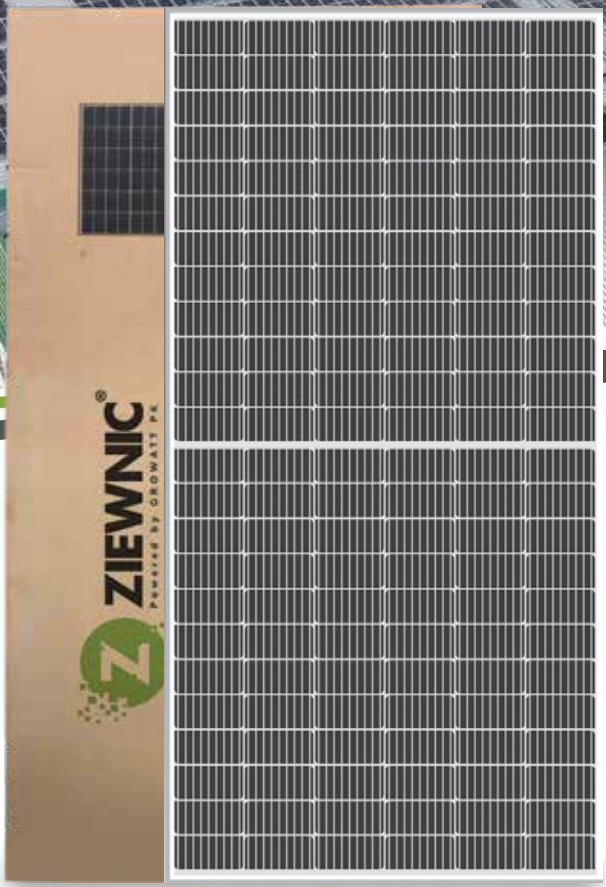


435W
450W
480W

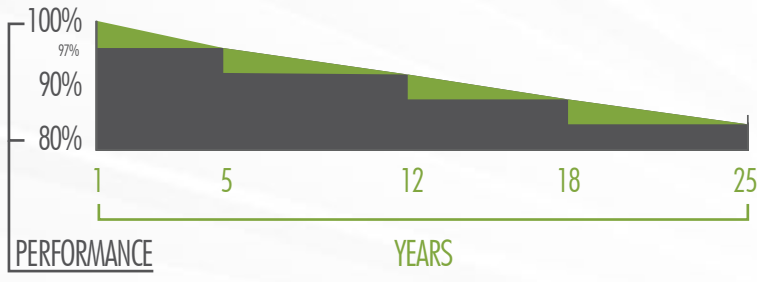
JSGFM-144M (MULTI BUSBAR)
HALF CUT MONO PERC



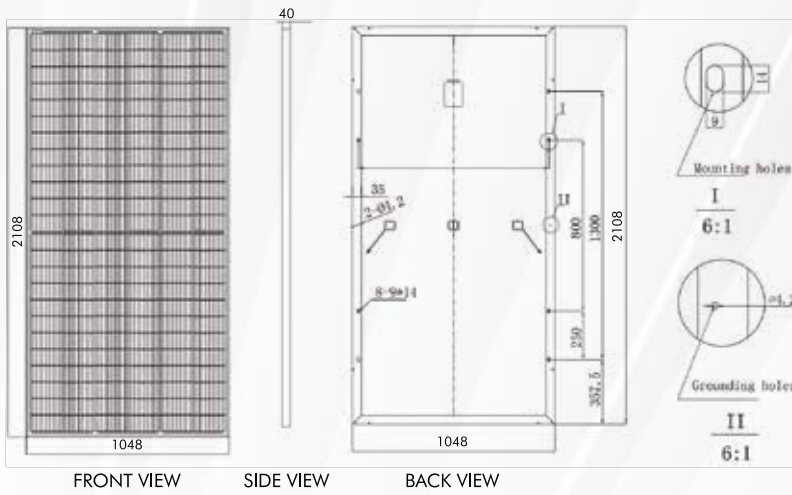
KEY SALIENT FEATURES

- ✓ High output power
- ✓ Better power generation under shadows
- ✓ Strong anti-hot spot ability
- ✓ Strong mechanical load capacity
- ✓ Super strong frame
- ✓ 1500V system voltage

ADDED VALUE FROM WARRANTY



MECHANICAL DRAWINGS



MECHANICAL SPECIFICATION

Cell Type	Mono Crystalline 158.75x79.375mm
Number Of Cells	144 (6x24)
Dimensions(AxBxC)	2108x1048x40mm
Weights	25.5kg
Glass	3.2mm Tempered Low Iron Glass
Aluminium Frame	Anodised Aluminium
Junction Box	Split Junction Box (IP68 ,three diode)
Connector	Mc4 Compatible
Output Cables	4.0mm ² , +300mm,-300mm Customized Length

ELECTRICAL CHARACTERISTICS

Module Type	435W	450W	480W
	STC	STC	STC
Maximum Power At STC (Pmax)	435W	450W	480W
Short Circuit Current (Isc)	10.32A	11.64A	11.8A
Open Circuit Voltage (Voc)	49.81V	49.7V	49.5V
Open Circuit Wattage (OCW)	480W	540W	580W
Maximum Power Current (Imp)	9.77A	10.15A	10.8A
Maximum Power Voltage (Vmpp)	41.46V	40.4V	44.5A
Module Efficiency	20.18%	20.98%	21.5%
Power Tolerance	0~+5W	0~+5W	0~+5W
Maximum System Voltage	VDC 1500V		
Maximum Series Fuse	20A		
Increased Snowload Acc.to Iec 61215	5400Pa		
Operating Temperature	-40~+85°C		
Number Of Bypass Diodes	3		
Norminal Operating Cell Temperature(Noct)	45°C~60°C		
Temperature Coefficient Of Pmax	-0.36%/°C		
Temperature Coefficient Of Voc	-0.29%/°C		
Temperature Coefficient Of Isc	0.05%/°C		

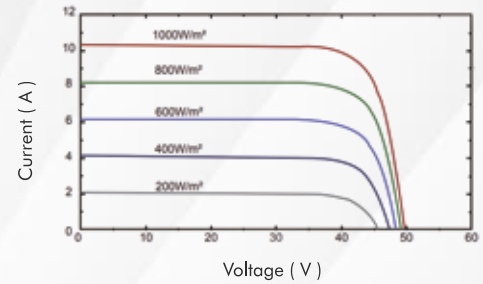
STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, wind speed 1m/s.
 Note: Product specifications are subject to change without further notice

JSGFM-144-435W/450W/480W

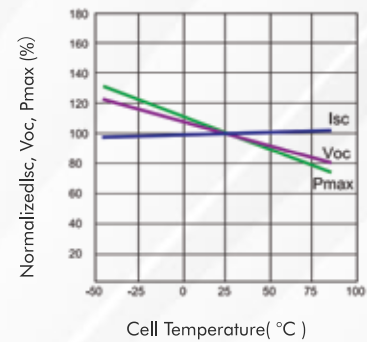
I-V CURVES

I-V Curves at JSGFM 144-435W/450W/480W at different Irradiances

Cell Temp: 25°



Power voltage current curve at different temperature



PACKING CONFIGURATION

Container	40' HQ
Pieces Per Container	720

