

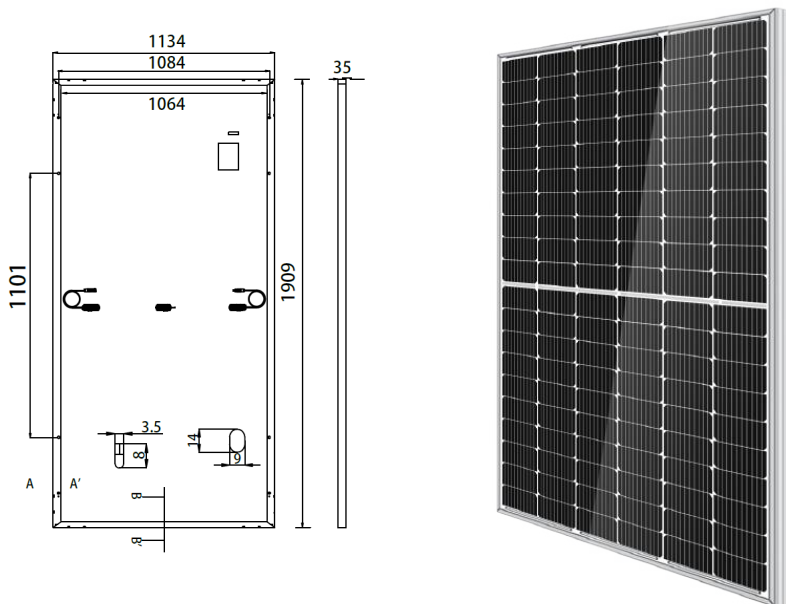


6x20 HALF CELLS MONO PERC PANEL 182

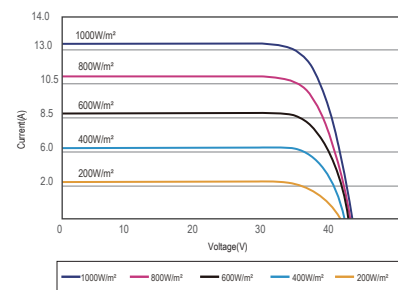
Modules		GPM-H445W	GPM-H450W	GPM-H455W	GPM-H460W	GPM-H465W
Standard Test		STC	STC	STC	STC	STC
TORLERANCE	(W)	0~+3	0~+3	0~+3	0~+3	0~+3
EFFICIENCY	(%)	20.50	20.70	20.90	21.10	21.3
Maximum Power Pmax	(W)	445	450	455	460	465
Open Circuit Voltage	Voc(V)	49.30	49.45	49.60	49.75	49.90
Short Cuit Current	Isc(A)	13.72	13.79	13.86	13.93	14.00
Maximum Power Voltage	Vm(V)	41.31	41.47	41.64	41.80	41.96
Maximum Power Current	Im(A)	12.83	12.90	12.97	13.04	13.11
CELLS	(mm)	182*91 Mono perc cells				
CELLS QTY	(Pcs)	120(6*20)				
Max System Voltage	(V)	DC1000/DC1500				
Open Circuit Voltage Temp Short	(%/°C)	-0.282				
Circuit Current Temp	(%/°C)	0.041				
Peak Power Temp	(%/°C)	-0.387				
Operate Temp Scope	°C	-40 to 85				
Nominal Operating Temp	°C	45±2				
Max Series Fuse Rating	(A)	15/20				
Frontal static load	(Pa)	5400				
Back static load	(Pa)	2400				

Standard Test Conditions(STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C.
 Measuring uncertainty of power is within±3% Tolerance of Pmpp: 0~+3%. Certified in accordance with IEC61215, IEC61730-1/2.

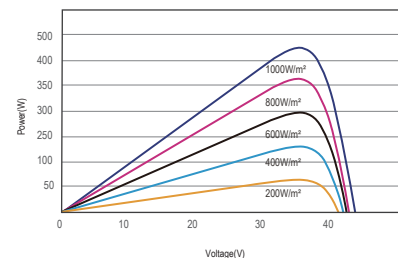
Frame



I-V Curves



I-V Curves(450W)



P-V Curves(450W)

Raw material

Frame	Alloy Aluminium
Glass	3.2mm
Cells	6X20 182x91mm mono solar cells perc
Junction box	IP≥68, TUV&UL
Connect	4m m ² , EVO2
Cable	350mm

Package

module size	(mm)	1909*1134*35
Weight	(kg)	24.0
Loading		744pcs/40HQ (24*31)
Package	pcs/plt	31



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