

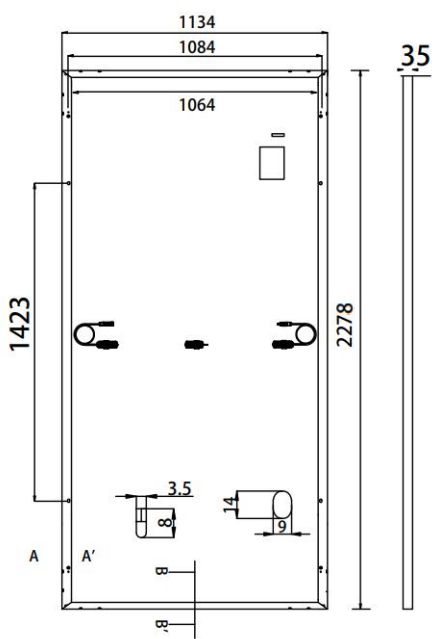
# 6x24 HALF CELLS MONO PERC PANEL 182



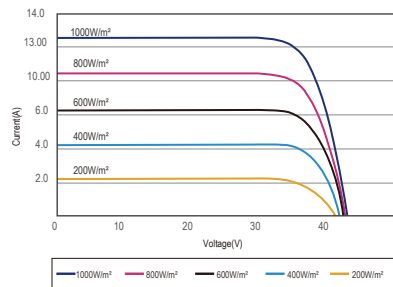
Modules		AN 10-530W(144)	AN 10-535W(144)	AN 10-540W(144)	AN 10-545W(144)	AN 10-550W(144)
Standard Test		STC	STC	STC	STC	STC
TORLERANCE	(W)	0~+3	0~+3	0~+3	0~+3	0~+3
EFFICIENCY	(%)	20.50	20.70	20.90	21.10	21.3
Maximum Power Pmax	(W)	530	535	540	545	550
Open Circuit Voltage	Voc(V)	49.30	49.45	49.60	49.75	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)	144(6*24)				
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/m<sup>2</sup>; 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.

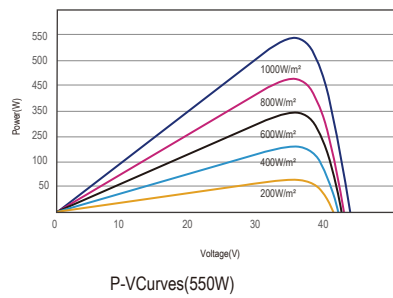
## Frame



## I-V Curves



I-V Curves(550W)



P-V Curves(550W)

## Raw material

Frame	Alloy Aluminium
Glass	3.2mm
Cells	6X24 182x91mm mono solar cells perc
Junction box	IP≥68, TUV&UL
Connect	4m m <sup>2</sup> , EVO2
Cable	300mm

## Package

module size	(mm)	2278×1134×35
Weight	(kg)	28.60
Loading		620pcs/40HQ (31*20)
Package	pcs/plt	31

