

ZT540W-555W(144)

Modules	ZT-540W(144)		ZT-545W(144)		ZT-550W(144)		ZT-555W(144)	
Efficiency (%)	20.93		21.12		21.31		21.51	
Tolerance (W)	0 ~ +5		0 ~ +5		0 ~ +5		0 ~ +5	
Standard Test	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power Pmax	540	401.88	545	405.61	550	409.33	555	413.05
Open Circuit Voltage Voc(V)	49.60	46.58	49.75	46.73	49.90	46.87	49.91	47.02
Short Cuit Current Isc(A)	13.93	11.27	14.0	11.34	14.07	11.41	14.09	11.47
Maximum Power Voltage Vm(V)	41.64	37.89	41.80	38.02	41.96	38.14	41.98	38.26
Maximum Power Current Im(A)	12.97	10.60	13.04	10.67	13.11	10.73	13.22	10.80
Cells (mm)	MBB-182×91mm Mono Perc							
Cells Qty (Pcs)	144(6×24)							
Max System Voltage (V)	DC1500							
Open Circuit Voltage Temp (%/°C)	-0.282							
Circuit Current Temp (%/°C)	0.05							
Peak Power Temp (%/°C)	-0.348							
Operate Temp (°C)	-40 to 85							
Nominal Operating Temp (°C)	45±2							
Max Series Fuse Rating (A)	25							
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 P_{mp}: 0-+3%. Certified in accordance with IEC61215,IEC61730-1/2.

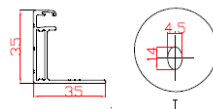
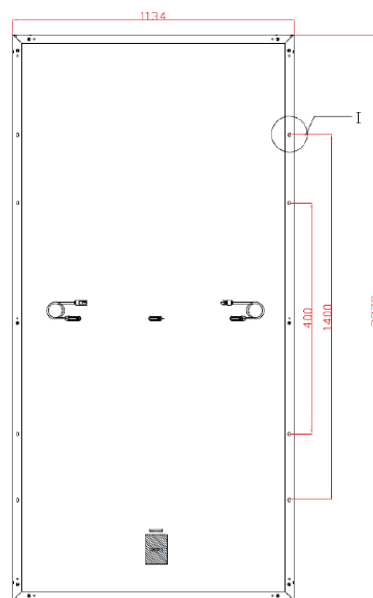
Raw mterial

Frame	Alloy Aluminium	Glass	3.2mm
Cells	6x24pcs 182x91mm Mono solar cells perc	Junction box	IP≥68, TÜV&UL
Diode Qty	3	Junction box	4mm ² , EVO2 Or EVO2
Cable	300mm		

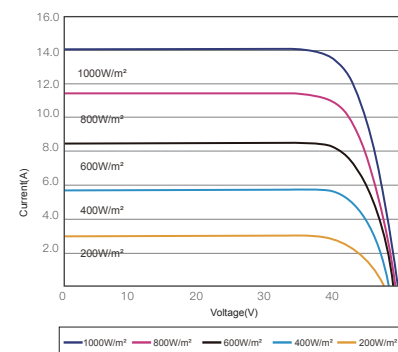
Package

Module size	2278×1134×35mm	Weight	28.6kg
Loading	620PCS/40HQ 930pcs/17.5M Truck	Package	31PCS/PLT

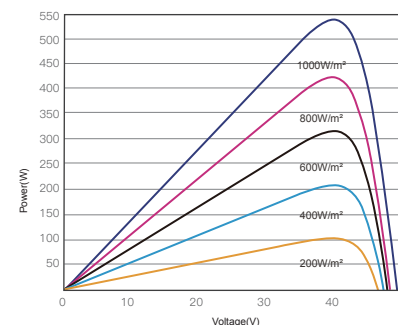
Engineering Drawings



IV CURVES



I-V Curves (545W)



P-V Curves(545W)