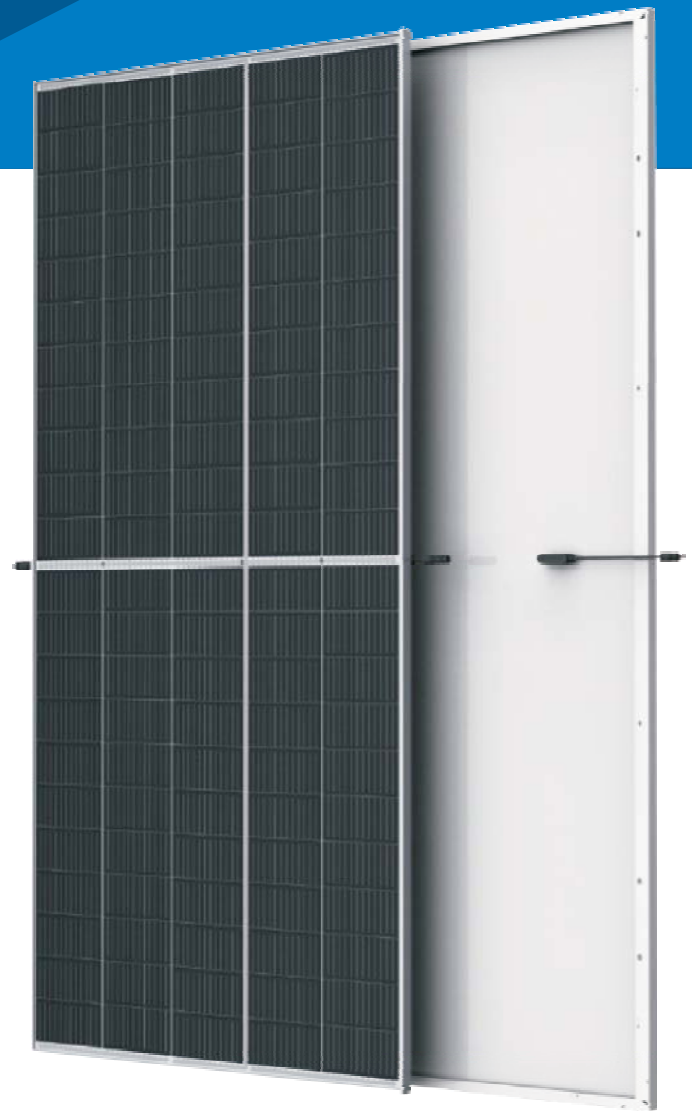


ETHM530-555M(144)

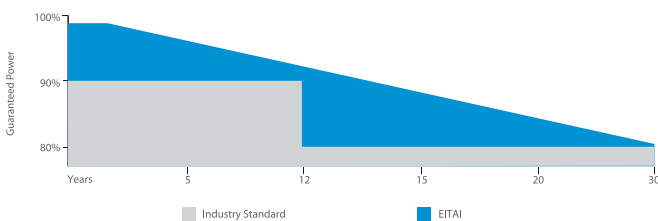
Mono Half-Cell Module



KEY FEATURES

- Max. efficiency: 21.70%
0 to +5w positive power tolerance
- Higher output of power
- Optimize the temperature coefficient
- Reduce the shadow loss on the power output
- Stronger the physical property

LINEAR PERFORMANCE WARRANTY

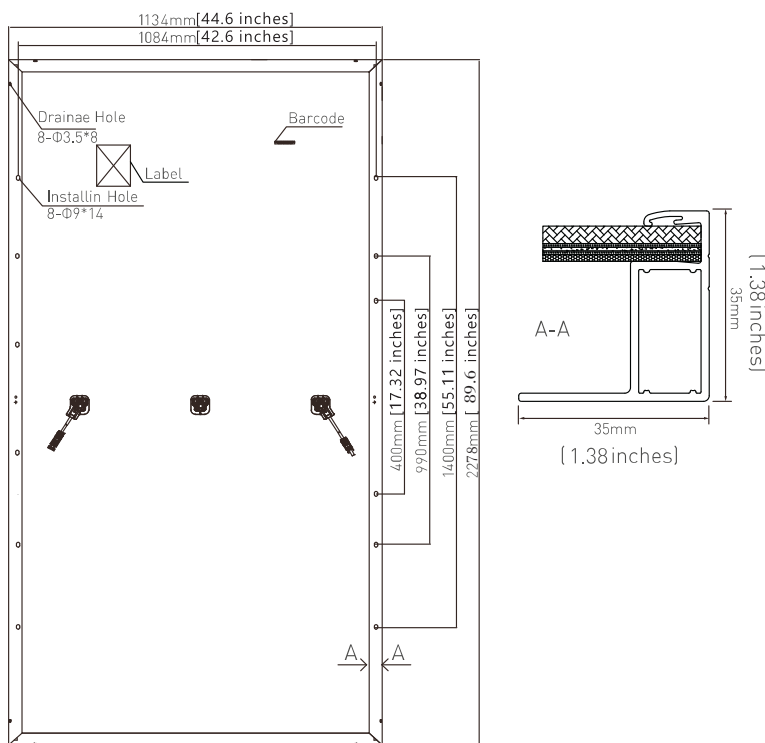


ETHM530-555M(144)

Module Type	530		535		540		545		550		555	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	530	394	535	398	540	402	545	406	550	410	555	414
Maximum Power Voltage- Vmpp(V)	40.74	37.92	40.88	38.05	41.01	38.19	41.15	38.32	41.28	38.46	41.41	38.60
Maximum Power Current- Imp(A)	13.01	10.40	13.09	10.46	13.17	10.52	13.24	10.58	13.32	10.64	13.40	10.70
Open Circuit Voltage- Voc(V)	49.26	46.50	49.40	46.63	49.53	46.75	49.67	46.88	49.80	47.00	49.93	47.12
Short Circuit Current- Isc(A)	13.69	11.06	13.77	11.12	13.85	11.19	13.93	11.25	14.01	11.32	14.09	11.39
Tolerance- (W)	0- +5		0- +5		0- +5		0- +5		0- +5		0- +5	
Module Efficiency- (%)	20.8		21		21.2		21.3		21.5		21.7	

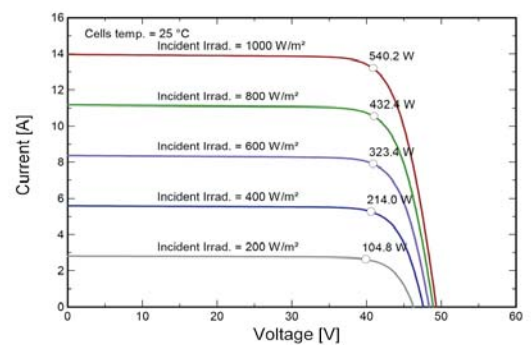
STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.
 NOCT: Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MODULE DIMENSION

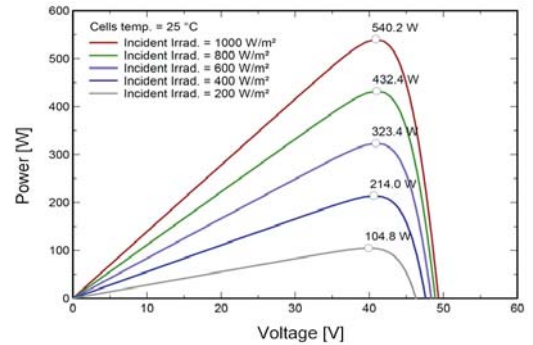


Back View

I-V CURVES OF PV MODULE (540W)



P-V CURVES OF PV MODULE (540W)



Mechanical Data

Temperature Ratings

Solar Cells	MBB MONO PERC 182 x 91mm (10BB)	Nominal Operating Cell Temperature(NOCT)	44±2°C
Cell Orientation	144 cells (6 x 24)	Temperature Coefficient of Pmax	-3.5%/°C
Module Dimensions	2278x 1134 x 35mm	Temperature Coefficient of Voc	-0.270%/°C
Weight	27.2kg	Temperature Coefficient of Isc	-0.35%/°C
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm	Maximum Rating	
Backsheet	White		
Frame	Silver Anodized Aluminium Alloy(Black Available)	Operational Temperature	-40 to +85°C
J-Box	IP 68 rated	Maximum System Voltage	1500V DC
Cables	Photovoltaic Technology cable 4.0mm ² , 300mm	Max. Series Fuse Rating	25A
Connector	MC4 Compatible	Mechanical Load	5400pa
		Wind Load	2400pa

Packing Configuration Modules per box: 31 pieces

Modules per 40' container: 620 pieces



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