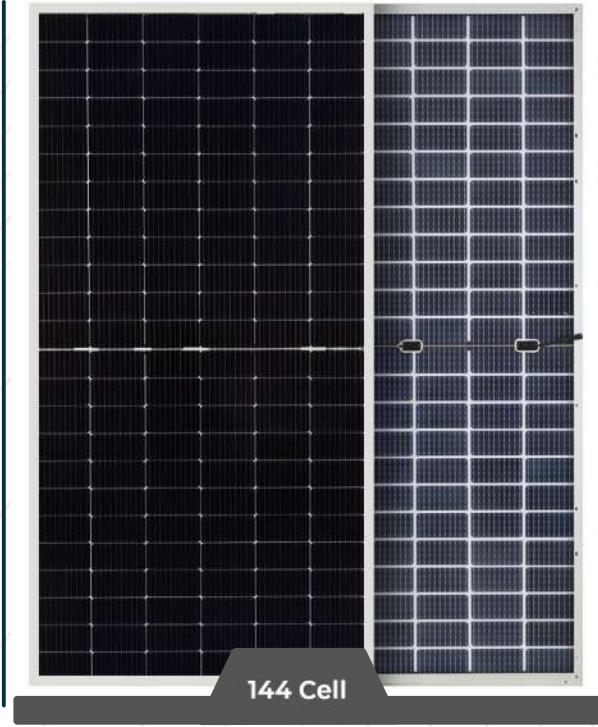
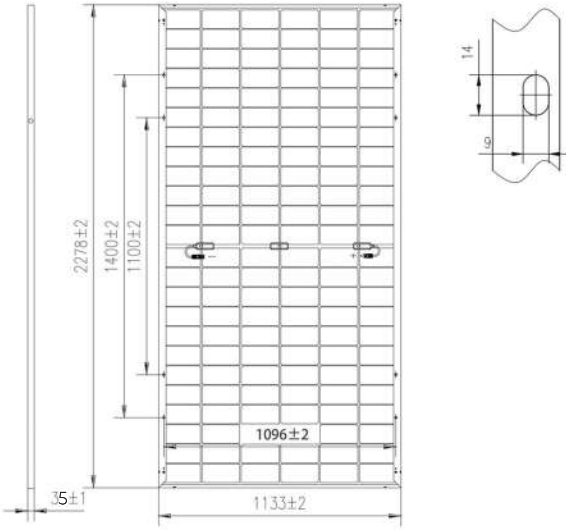
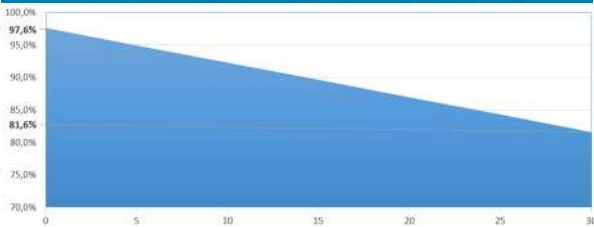




Dimensions (mm)



Linear Performance Warranty



540-555W

Bifacial High Efficiency
Half-Cut MonoPerc M10 10BB



ANTI-PID

Long-term and reliable field performance with AntiPID per cells



HALF-CUT CELL TECHNOLOGY

PERC technology solar cells minimize power loss (+5W) and provide better shading performance with 3 split J-boxes.



LIGHTWEIGHT DESIGN

Lighter and easier to install, less infrastructure costs and lower moisture retention rate compared to Glass-to-Glass panels.



HIGH PERFORMANCE TECHNOLOGY WITH M10 SOLAR CELLS

Thanks to the large "M10 solar cells", the system installation cost is reduced and high power gain per module is achieved.



BETTER SHADING TOLERANCE



MORE POWER

- **Module efficiency up to 21.70%**
- **2400/5400 Pa Mechanical Load Resistance**
- **30 years Linear Performance Warranty**

Production Facility Certificates



ISO 9001 / ISO 14001 / ISO 45001
ISO 27001 / ISO 50001

Product Certificates



IEC / EN 61215-1, IEC / EN 61215-1-1,
IEC / EN 61215-2, IEC / EN 61730-1, IEC / EN 61730-2



Electrical Parameters (STC)

Model	IME 530	IME 535	IME 540	IME 545	IME 550	IME 555
Maximum Power (W)	530	535	540	545	550	555
Working Point Voltage (V)	41.35	41.50	41.63	41.79	41.95	42.10
Working Point Current (A)	12.82	12.90	12.97	13.04	13.11	13.18
Open Circuit Voltage (V)	49.20	49.35	49.50	49.65	49.80	49.95
Short Circuit Current (A)	13.71	13.78	13.85	13.92	13.98	14.05
PV Module Efficiency	20.53%	20.73%	20.92%	21.12%	21.31%	21.50%
Standart Test Conditions	The irradiance is 800w/m ² , the ambient temperature is 20°C, the wind speed is 1 m/s					

Back Side Power Gain

Power	Model	IME 530	IME 535	IME 540	IME 545	IME 550	IME 555
%5	Maximum Power (W)	556.5	561.8	567.0	572.3	577.5	585.2
%5	Efficiency (STC)	21.56%	21.76%	21.97%	22.17%	22.38%	22.58%
%15	Maximum Power (W)	609.5	615.3	621	626.8	632.5	638.3
%15	Efficiency (STC)	23.61%	23.83%	24.06%	24.28%	24.51%	24.73%
%25	Maximum Power (W)	662.5	668.8	675	681.3	687.5	693.8
%25	Efficiency (STC)	25.66%	25.91%	26.15%	26.64%	26.88%	26.39%

Mechanical Parameters

Module Size	2278*1133*35 mm
Number Of Solar Cells	144 Cells
Weight	27.3 Kg ±5%
Junction Box	IP68, 3 Diodes
Cables	4 mm ² Ar, 300 mm, (Customizable)
Front Plate	3.2 mm Ar Coated Tempered Glass
Back Plate	Back Sheet With Mesh
Static Load On The Front	5400 Pa
Static Load On The Back	2400 Pa

Temperature Parameters

NMOT	45±2°C
Temperature Coefficient Of Maximum Power (P _{max})	-0,35%/°C
Temperature Coefficient Of Open Circuit Voltage (V _{oc})	-0.28%/°C
Temperature Coefficient Of Short Circuit Current (I _{sc})	+0.048%/°C

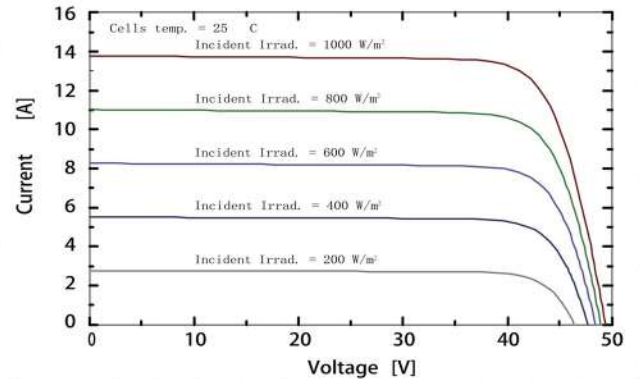
Maximum Ratings

Working Temperature	-40~+85°C
Maximum System Voltage	1500 VDC
Maximum Fuse Rated Current	30A

Packing and Transport

40'HQ Container Transport 31 Pcs / Box x 20 Box = 620 Pcs

Current - Voltage Graph



Power - Voltage Graph

