



MUSINA

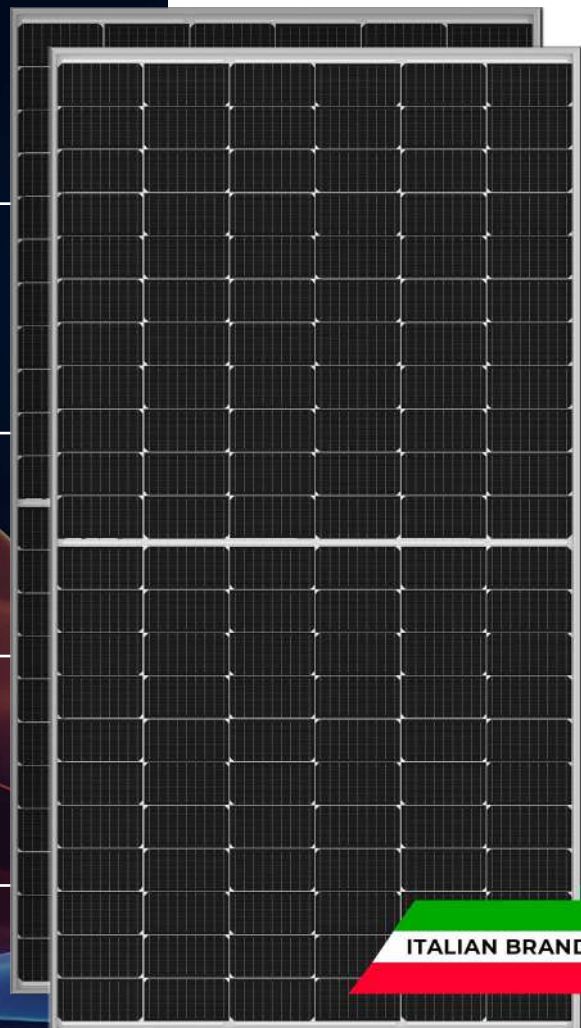
— the new energy frontier —

560/580 WATT POWER RANGE

22.46% MAX MODULE EFFICIENCY

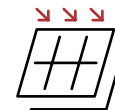
~+5W POWER TOLERANCE

0.4% YEAR 2-30 POWER DEGRADATION



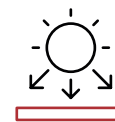
MILANO 580 Bifacial

cod. MI-580-BI



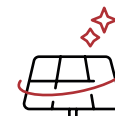
Strong Mechanical Strength

Pass the wind load test of 2400Mpa and the snow load test of 5400Mpa.



Multiple busbar and Half cell technique

More light utilization and current collection capabilities, effectively improving product power output and reliability.



Harsh Environmental Adaptation

Robust design for demanding climate conditions.



PID Resistance

The attenuation probability of PID phenomenon is minimized through solar cell production technology optimization and raw material control.



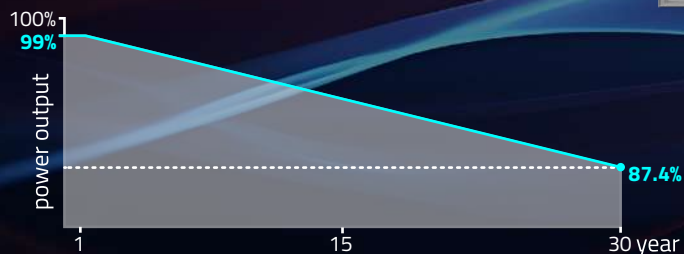
Lower Attenuation Rate

N-type, good reliability and lower LID/LETID attenuation rate.

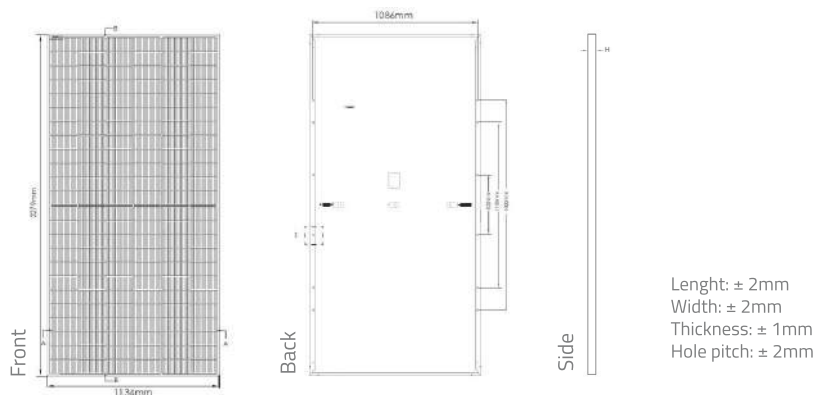


Long and reliable quality assurance

30 years material and workmanship warranty
30 years power linear warranty



Mechanical Diagrams



Specification

Cell type	N type mono-crystalline 182mm, bifacial
Half-cell quantity	144 (6x22)
Dimension	2279x1134x30 mm
Weight	29kgs ±3%
Glass	F/B 2+2mm tempered glass
Frame	Silver Anodized Aluminum Alloy
Junction Box	IP68
Cable	1200mm (can be customized)
Packing quantity	36 pcs/pallet, 720 pcs (20 pallets)/40'HQ
Packing dimensions (pallet)	2310x1120x1270 mm, 3.286 cbm, 1068kgs



a brand of **GAMTECH** SRL

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Electrical Parameters

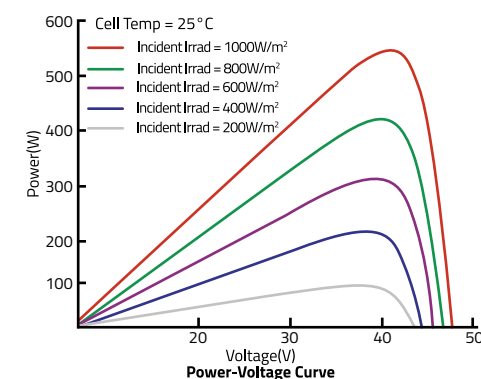
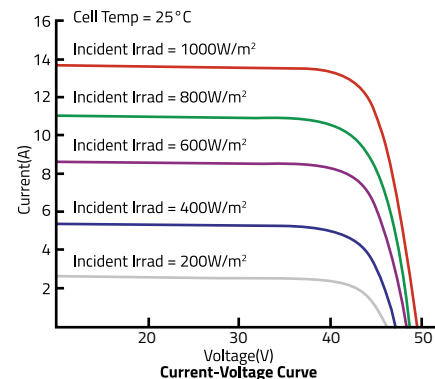
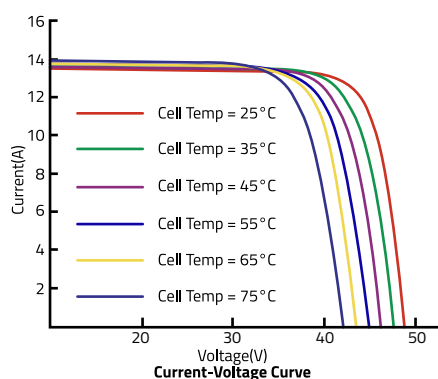
STC: AM1.5 1000W/m² 25°C | NOCT: AM1.5 800W/m² 25°C 1m/s

Model Type	MI-560-BI		MI-565-BI		MI-570-BI		MI-575-BI		MI-580-BI	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test conditions										
Maximum Power (Pmax)	560	421	565	425	570	429	575	433	580	437
Open Circuit Voltage (Voc)	50.47	47.94	50.60	48.06	50.74	48.20	50.88	48.29	51.00	48.37
Short Circuit Current (Isc)	14.15	11.42	14.23	11.49	14.31	11.57	14.38	11.66	14.39	11.73
Maximum Power Voltage (Vmp)	41.77	39.25	41.92	39.38	42.01	39.51	42.10	39.64	42.19	39.71
Maximum Power Current (Imp)	13.41	10.73	13.48	10.79	13.55	10.85	13.65	10.92	13.75	11.00
Module Efficiency (%)	21.66		21.86		22.06		21.26		22.46	

Operating conditions

Operational temperature	-40°C ~ +85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A
Power Tolerance	0 ~ +3%
Temperature Coefficient of Pmax	-0.310%/°C
Temperature Coefficient of Voc	-0.260%/°C
Temperature Coefficient of Isc	+0.046%/°C
Nominal Operating Cell Temperature	45±2°C
Safety Class	Class II
Max Load (front/back)	5400Mpa/2400Mpa

Curve



The company reserves the right of final right of adjustment of this file.