



DZ M72-182P

MBB Half-Cell Mono PV
Module 182mm Cells

Available Powers

530W 545W
535W 550W
540W



KEY FEATURES:

- ☑ High Output Power.
- ☑ Better Power Generation.
- ☑ Strong Anti Hot Spot Ability.
- ☑ 5% Positive Tolerance.
- ☑ 1500v System Voltage.



Qualifications and Certificates



📌 10 to 12 Years manufacturing Warranty,
10 years 90% power output.

📌 Linear Performance warranty. 25 years
80% power Output.



Dazi Solar

☎ 829 973 2747 🌐 www.dazisolar.com

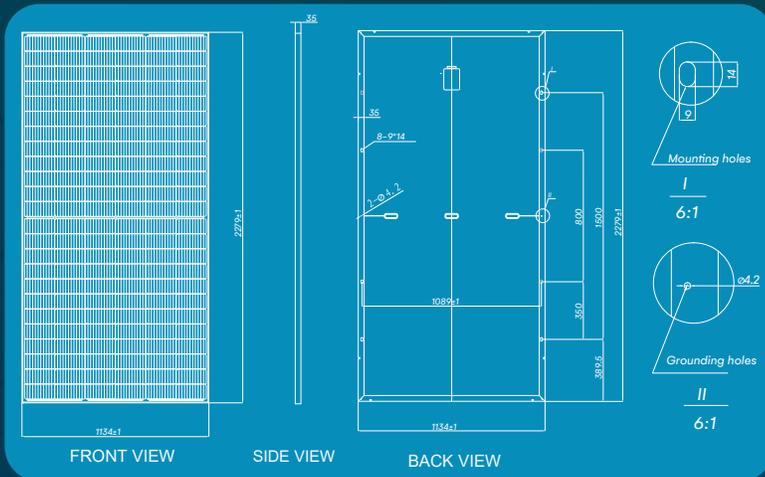
📍 Ave. Hispanoamericana, Parque industrial
Caribbean Industrial Park 16A, El puñal.
Santiago de los Caballeros,
Republica Dominicana.



Dazi Solar

530W/535W/540W/545W/550W

Mechanical Drawings



Mechanical Specification

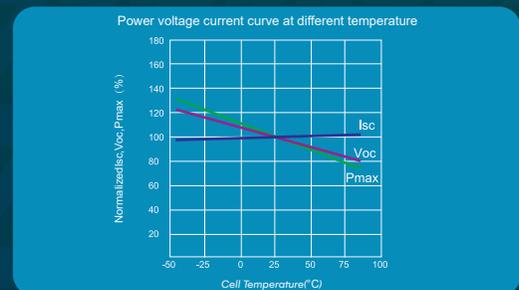
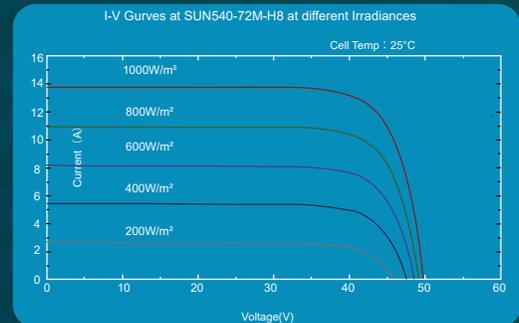
Cell Type	Mono Crystalline 182x91mm
Number Of Cells	144 (6x24)
Dimensions(AxBxC)	2279x1134x35mm
Weights	29.0kg
Glass	3.2mm Tempered Low Iron Glass
Aluminium Frame	Anodised Aluminium
Junction Box	Split Junction Box (IP68 ,three diode)
Connector	Mc4 Compatible
Output Cables	4.0mm ² ,+300mm,-300mm Customized Length

Electrical Characteristics

Module Type	530W		535W		540W		545W		550W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power At STC(Pmax)	530W	399.2W	535W	403.0W	540W	406.8W	545W	410.5W	550W	414.3W
Short Circuit Current(Isc)	13.58A	10.97A	13.63A	11.01A	13.70A	11.07A	13.76A	11.12A	13.82A	11.17A
Open Circuit Voltage(Voc)	49.4V	46.2V	49.6V	46.4V	49.8V	46.5V	50.0V	46.7V	50.2V	46.9V
Maximum Power Current(Imp)	12.75A	10.40A	12.80A	10.44A	12.86A	10.49A	12.92A	10.54A	12.98A	10.58A
Maximum Power Voltage(Vmpp)	41.6V	38.4V	41.8V	38.6V	42.0V	38.8V	42.2V	39.0V	42.4V	39.1V
Module Efficiency	20.50%		20.70%		20.89%		21.09%		21.28%	
Power Tolerance	0~+5W		0~+5W		0~+5W		0~+5W		0~+5W	
Maximum System Voltage	VDC 1500V									
Maximum Series Fuse	25A									
Increased Snowload Acc.to Iec 61215	5400Pa									
Operating Temperature	-40~+85°C									
Number Of Bypass Diodes	3									
Norminal Operating Cell Temperature(Noct)	45°C±2°C									
Temperature Coefficient Of Pmax	-0.35%/°C									
Temperature Coefficient Of Voc	-0.27%/°C									
Temperature Coefficient Of Isc	0.05%/°C									

STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, wind speed 1m/s.

I-V Curves



Packing Configuration

Container	40'HQ
Pieces Per Pallet	31
Pallets Per Container	20
Pieces Per Container	620