

MSD144M/540W Mono Half-cut single/Double Glass Module

LCOE save 6-8%

- Saving logistics cost
- 75% Saving cable cost
- Saving bracket cost
- Saving labor cost

- . 10-year warranty for material and technology
- 25-year linear power output warranty

100%



Linear Power Warranty | Industry Warranty

- IEC61215-IEC61730
- . ISO9001:2015 Quality management systems * ISO45001:Environmental management systems
- . ISO45001:2018Occupational health and safety management systems



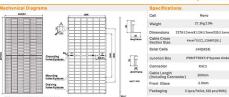








MSD144M/540W



Electrical Parameters at STC

Туре	MSD144M/540	
Rated Maximum Power (Pmax)[W]	540	
Open Circuit Voltage (Voc)[V]	49.55	
Maximum Power Voltage (Vmp)[V]	41.62	
Short Circuit Current (isc)[A]	13.89	
Maximum Power Current (Imp)[A]	12.89	
Module Efficiency[%]	20.8	
Power Tolerance	0-+5W	
Temperature Coefficent of Iso(a_isc)	+0.046%/°C	
Temperature Coefficent of Voc (β_Voc)	-0.278%/°C	
Temperature Coefficient of Pregriv Pres	-0.350%/°C	

STC Irradiance 1000W/m², Cell temperature 25°C, AM1.5

Electrical Parameters at NOCT (Sup	pose 10% Ratio of Solar Irradiance)	Operating Conditions	
Туре	MSD144M/540	Maximum System Voltage	1000V DC
Rated Maximum Power (Pmax)(W)	578	Operating Temperature	-40°C-+85°C
Open Circuit Voltage (Voc)(V)	49.93	Maximum Series Fuse	25A
Maximum Power Voltage (Vmp)(V)	42.24	Maximum Static Load, Front Maximum Static Load, Back	5400Pa(112 lb/ft 2400Pa (50 lb/ft
Short Circuit Current (Iso)(A)	14.50	NOCT	45±2°C
Maximum Power Current (Imp)(A)	13.69	Backside Ratio	70%±10%
rate of the back of solar panel +beak power of STC	Name to the same of the same o	Fireproof Performance	UL Type 29

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