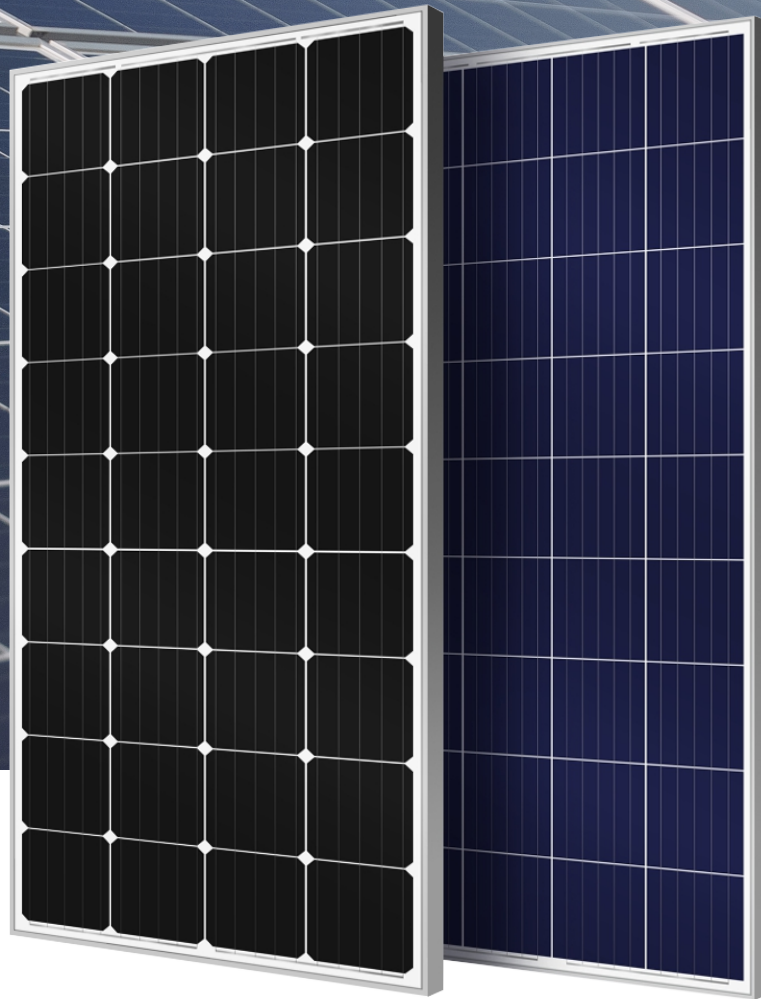


# SINGLE CRYSTAL POWER GENERATION BOARD

MSD100-150-200-330-390-450-500W

Power Generation Rate Is As High As 23%



Guaranteed high-quality silicon wafers, high-power module output, and excellent cost-effective advantages, it is an ideal choice for large-scale power stations.



Pass the weather resistance test of dust, smog, ammonia, etc., and adapt to the harsh outdoor environment.



Optimum packaging materials and strict process plan to ensure the anti-PID ability of components



Reinforced frame design, more excellent component load capacity.



High transparent self-cleaning tempered glass is used to increase light absorption and effectively reduce power loss caused by dust.



Can withstand 1500V highest system voltage, effectively reducing the BOS cost.

Model	RS-100M	RS-150M	RS-200M	RS-300M	RS-339M	RS-450M	RS-500M
Peak power - Pmax(WP)	100W	150W	200W	330W	390W	450W	500W
Working voltage - VMP(v)	17.9V	18.1V	35.92V	33.35V	37.88V	41.90V	42.88V
Working current - imp(a)	5.58A	8.28A	5.56A	9.89A	10.73A	11.28A	11.66A
Open circuit voltage - voc(v)	21.55V	21.6V	44.86V	37.18V	45.6V	46.9V	48.9V
Short circuit current - IsC (a)	5.75A	8.51A	5.75A	10.11A	11.28A	11.68A	11.98A
Cell efficiency-( %)	21.70%	21.70%	21.70%	21.90%	22%	22.30%	22.60%
Module efficiency ( %)	20%	20%	20%	20.10%	20.20%	22.30%	22.40%
Number of cells	36(4x9)	36(4x9)	36(4x9)	60(4x9)	72(4x9)	144(12x12)	144(12x12)
Module size	760*670*25	1180*670*30	1480*670*30	1640*992*35	1950*992*35	2108*1052*35	2108*1052*35
weight	8KG	14KG	18KG	20KG	22KG	24KG	25KG
Glass	3.2mm tempered glass						
frame	Anodized aluminium alloy						
Junction box	waterproof type						
Connector	Plug and socket						
Output wire	PV 4.0mm <sup>2</sup> ,0.9m						
Applicable temperature	-40 to 85°C						
Maximum system voltage	DC1000-1500v						
Maximum safe current	15A						
Power deviation range	0~+3%						
Cell type	Mono156.75*156.75 mm or poly 156.75*156.75mm						
	STC: Irradiance 1000w/m <sup>2</sup> , Modules Temperature 25°C, AM=1.5						
Temperature coefficient of P max	-0.47%/°C						
Temperature coefficient of VOC	-0.346%/°C						
Temperature coefficient of ISC	0.036%/°C						

Remarks:

1. Specifications are subject to change without prior notice;
2. Special voltage and power requirements can be customized according to the actual situation of users.