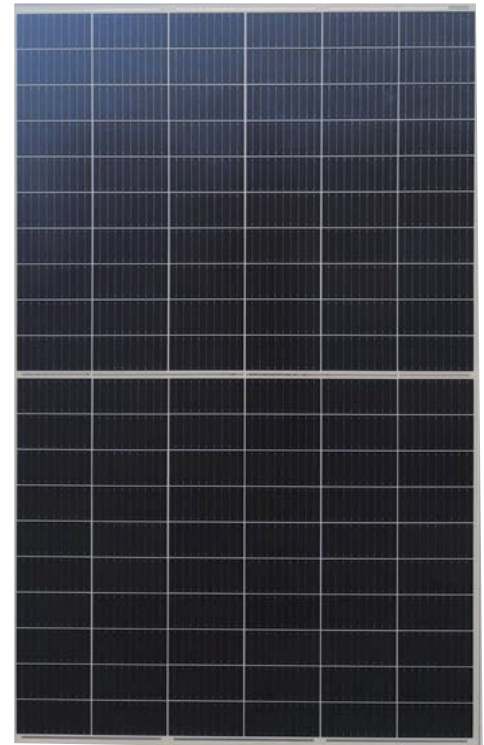


MSolar MS series MONO 350-370W 9BB

120 cells // Half-cut cell modules

MSolar MS series (Super-efficiency half-cell Modules) Assembled with the advanced half-cell technology offer the advantages of higher power output, reduced series resistance loss, and lower risk of hot spot. In order to meet the Clients' requirements of best quality and efficiency.



- 9BB
9BB cell design
 Smaller electric current, less CTM loss
 Lower risk of hot spot

- ISO
ISO9001:2015 & ISO14001 management systems

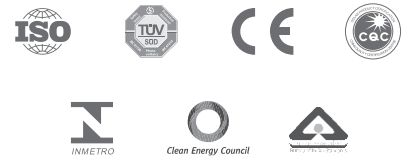
- IEC
IEC61215 & IEC61730 standard quality

- Wind load up to 3800Pa**
Snow load up to 5400Pa

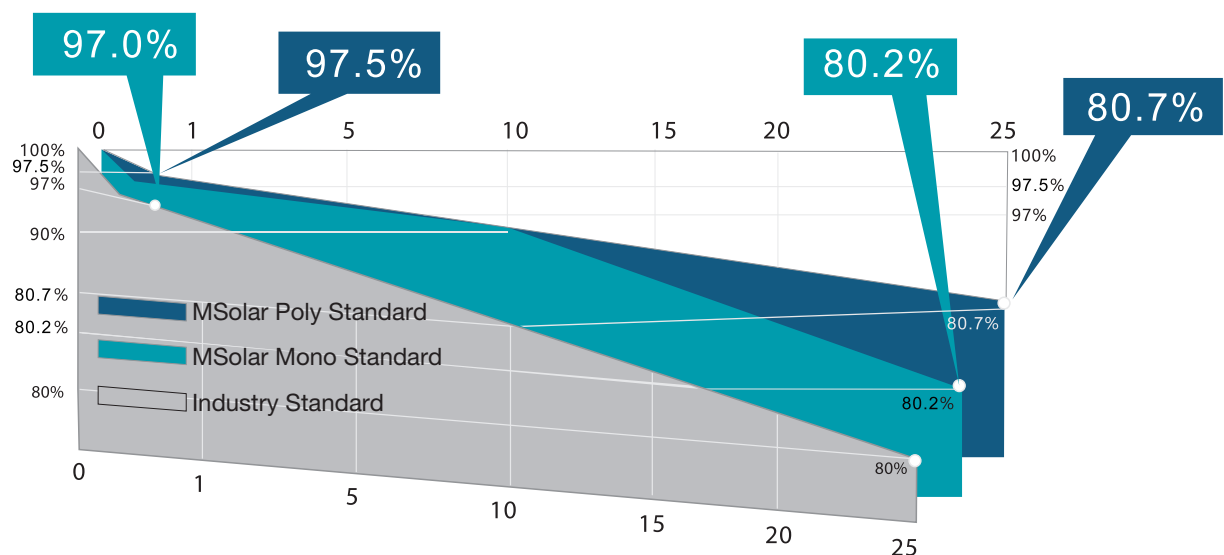
- +5W
0-5W positive power sorting

- Stable performance under weak light conditions**

- 25 year power warranty**
10 year product warranty



Linear performance warranty



MSolar MS series MONO 350-370W 9BB

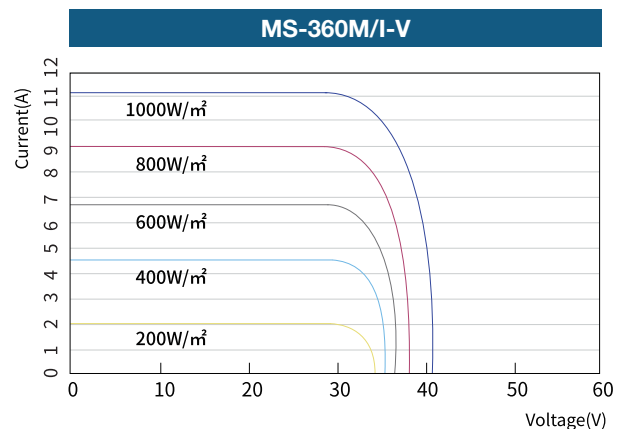
Electrical parameters

	MS-350M		MS-355M		MS-360M		MS-365M		MS-370M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (P_{max})	350 W	259 W	355 W	262 W	360 W	265 W	365 W	268 W	370 W	271 W
Open circuit voltage (V_{oc})	40.38 V	37.23 V	40.59 V	37.34 V	40.79 V	37.45 V	40.99 V	37.55 V	41.18 V	37.66 V
Short circuit current (I_{sc})	11.02 A	8.89 A	11.10 A	8.95 A	11.18 A	9.01 A	12.26 A	9.07 A	11.34 A	9.13 A
Voltage at maximum power (V_{mpp})	33.27 V	30.69 V	33.49 V	30.82 V	33.71 V	30.96 V	33.92 V	31.09 V	34.13 V	31.22 V
Current at maximum power (I_{mpp})	10.52 A	8.44 A	10.60 A	8.50 A	10.68 A	8.56 A	10.76 A	8.62 A	10.84 A	8.68 A
Module efficiency (%)	18.75 %		19.00 %		19.27 %		19.54 %		19.8 %	

STC: Irradiance 1000 W/m², cell temperature 25°C, AM 1.5G

NOTC: Irradiance 800 W/m², ambient temperature 20°C, wind speed 1 m/s, AM 1.5G

Operating module temperature	-40°C to + 85°C
Maximum system voltage	1500V DC(IEC) 1000V DC(UL)
Maximum series fuse rating	20 A
Power tolerance	0/+5W
Temperature characteristics	
Nominal operating cell temperature (N_{oct})	45±2°C
Temperature coefficient of P_{max}	-0.36%/°C
Temperature coefficient of V_{oc}	-0.29%/°C
Temperature coefficient of I_{sc}	+0.05%/°C

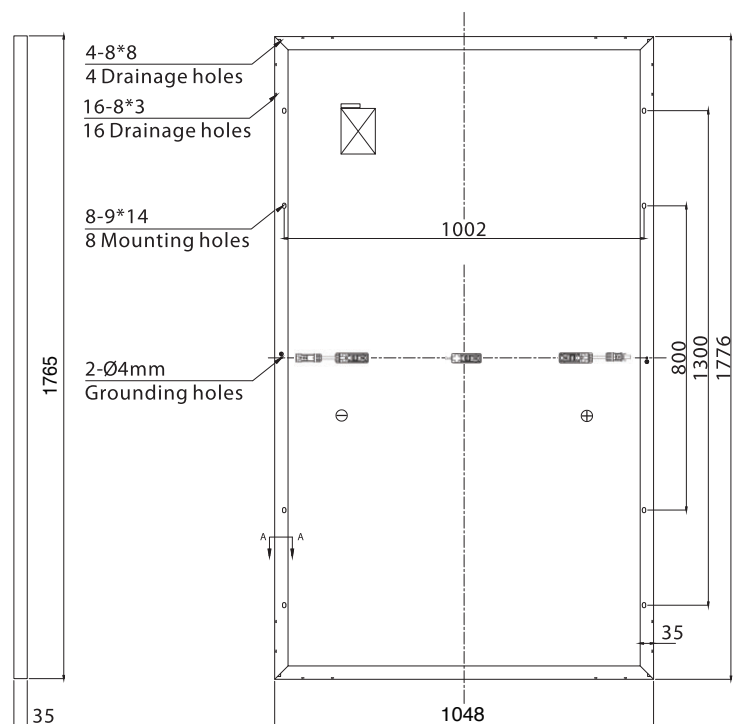


Mechanical characteristics

Solar cell	MONO
No. of cells	120 (6x20)
Dimensions	1765 x 1048 x 35 mm
Weight	22.0 kg
Front	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP68 rated (3 bypass diodes)
Output cables	4.0 mm ² Symmetrical length 300 mm
Connectors	MC4 compatible
Mechanical load test	5400 Pa

Packing configuration

Container	40'GP
Pieces per pallet	30
Pallets per container	26
Pieces per container	780



Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. MSOLAR have the sole right to make such modification at anytime without further notice.