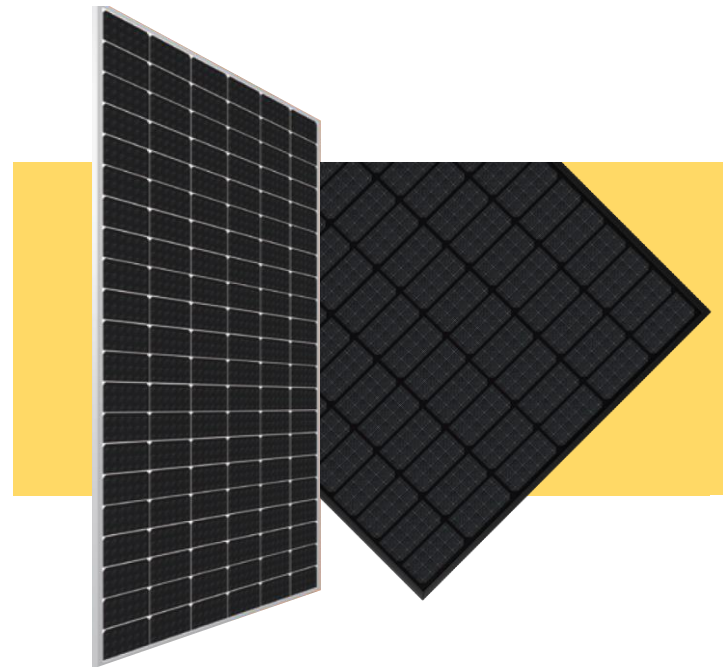


## MSMDxxx-M06B

# 350W-375W



### KEY FEATURES



Class A fire resistant (industry standard class C)



Outstanding performance in low-light conditions



Low temperature coefficient (Pmax):  $-0.39\% / ^\circ\text{C}$

**+5W** 0~+5W positive tolerance - to assure high output



Lower internal current, lower hot spot temperature



Cell crack risk limited in small region, enhance the module reliability

**PID FREE**

Excellent anti-PID module design, TÜV SÜD certified



Certified to withstand high wind loads (3600pa) and snow loads (8000pa)



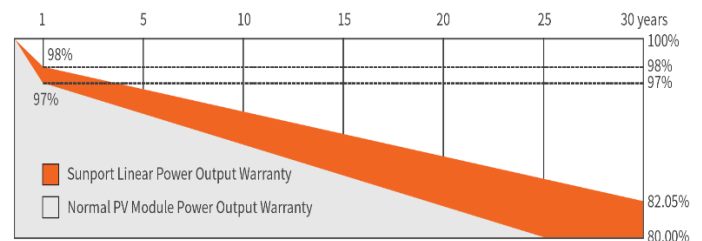
Salt mist and ammonia corrosion resistant

### CERTIFICATES



### WARRANTY

- Our linear power guarantees
- Standard linear power



**15**  
years

Enhanced product guarantee on product and workmanship

**25**  
years

Linear power output warranty

# MSMDxxx-M6B

## ELECTRICAL PERFORMANCE

### Electrical parameters at Standard Test Conditions (STC)

Module Type

Power output	Pmax	w	350	355	360	365	370	375
Power output tolerances	$\Delta P_{max}$	w	0~+5W					
Module efficiency	$\eta_m$	%	19.4	19.7	20	20.3	20.6	20.8
Voltage at Pmax	$V_{mpp}$	V	35.1	35.3	35.5	35.7	35.9	36.1
Current at Pmax	$I_{mpp}$	A	9.98	10.06	10.14	10.23	10.31	10.39
Open circuit voltage	$V_{oc}$	V	42.4	42.6	42.8	43	43.2	43.4
Short circuit current	$I_{sc}$	A	10.45	10.53	10.62	10.70	10.78	10.87

STC: 1000W/m<sup>2</sup> irradiance, 25°C cell temperature, AM1.5g spectrum according to EN 60904-3. Average relative efficiency reduction of 5% at 200W/m<sup>2</sup> according to EN 60904-1.

## THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 +/-2
Temperature coefficient of Pmax	$\gamma$	% / °C	-0.36
Temperature coefficient of Voc	$\beta_{Voc}$	% / °C	-0.28
Temperature coefficient of Isc	$\gamma_{Isc}$	% / °C	+0.06

## OPERATING CONDITIONS

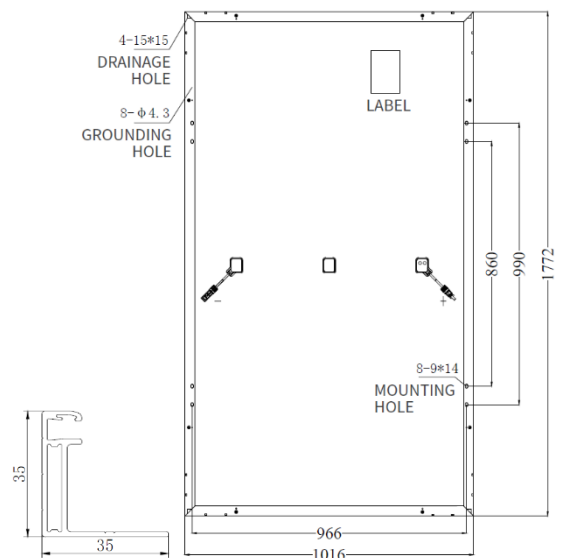
Max. System Voltage	1500VDC
Max. series fuse rating	15A
Limiting reverse current	15A
Operating temperature range	-40°C to 85°C
Max. static load, front (e.g., snow and wind)	5400Pa
Max. static load, back (e.g., wind)	3600Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m/s

## MECHANICAL CHARACTERISTICS

Front Cover (material / thickness)	low-iron tempered glass / 3.2 mm
Cell (quantity)	60pcs (6*10)
Encapsulant (material)	EVA
Frame material	anodized aluminum alloy
Junction box (protection degree)	IP67 with bypass-diode
Cable (length / cross sectional area)	1000 mm / 4 mm <sup>2</sup>
Plug connector (type / protection degree)	MC4 / IP67
Fire Safety Classification	Class A

## GENERAL CHARACTERISTICS

Dimensions	1772 mm / 1016mm / 35 mm
Weight	20 kg



## IV-Curves

