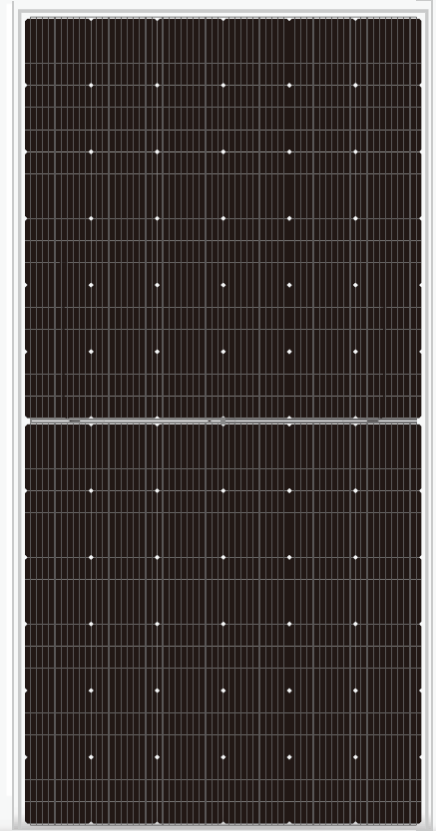
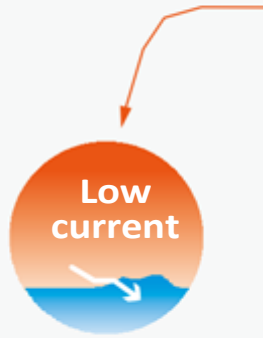


MS-M72X10/BF

0~+5W

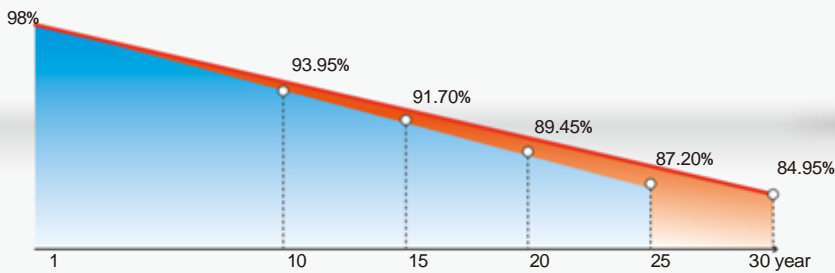
525~550W



1/3 cut High Efficiency PV Module



Quality Guarantee

12-Year material & technology warranty
30-Year linear power output warranty



 Macsun solar linear power output guarantee
 Standard linear power output guarantee



Technology & Process Upgrade

Three piece design, less occlusion effect, higher power



Super Performance & Stable Returns

Low hot spot & anti-PID, Ensure continuous, stable and efficient power generation



Various Application Scenarios

Strong weather resistance, easy installation in deserts, coastal areas, mountains and various roofs



Better Compatibility

Well compatibility in system, Lower LCOE

Comprehensive

Products and System Certificates



IEC 61215 / IEC 61730 / CE / INMETRO

OHSAS 18001-

2007/International standards for occupational health & safety

ISO 14001-

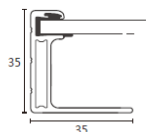
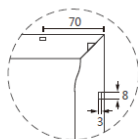
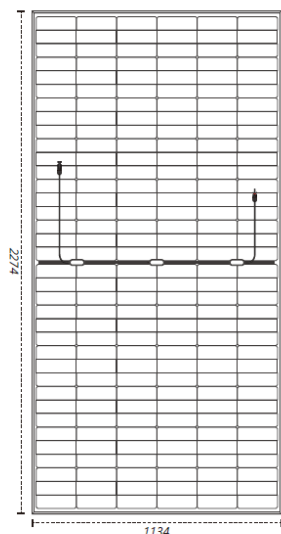
2015/Standards for environmental management system

ISO 9001-

2015/Quality management system

MS-M72X10/BF 525~550W

Design



Mechanical Specification

Cells Type
Mono 182×60.7mm

Weight
28.9kg

Output Cable
(Including connector)

No. of Cells

Glass

Junction box

Connector

Dimension (L×W×T)
2274×1134×35mm

Packing
31pcs/pallet, 620pcs/40HQ

4.0mm², 300/400mm in length,
length can be customized

216 (6×36)

3.2mm High Transmission, Antireflection Coating

IP68, 3 Bypass Diodes

MC4 Compatible

Operating Parameters

Maximum system voltage	1000V/1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	25A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

STC-Electrical Characteristics

Module Type	MS-M72X10/BF					
Maximum Power (Pmax)	525W	530W	535W	540W	545W	550W
Open-circuit Voltage (Voc)	73.7V	73.9V	74.1V	74.3V	74.5V	74.7V
Maximum Power Voltage (Vmp)	62.0V	62.2V	62.4V	62.6V	62.8V	63.0V
Short-circuit Current (Isc)	9.01A	9.07A	9.13A	9.19A	9.25A	9.31A
Maximum Power Current (Imp)	8.47A	8.52A	8.57A	8.63A	8.68A	8.73A
Module Efficiency (%)	20.36%	20.55%	20.75%	20.94%	21.13%	21.33%
Temperature Coefficient of Isc	0.05%/°C					
Temperature Coefficient of Voc	-0.31%/°C					
Temperature Coefficient of Pmax	-0.35%/°C					

Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

NOCT-Electrical Characteristics

Maximum Power (Pmax)	391W	394W	398W	402W	405W	409W
Open-circuit Voltage (Voc)	69.1V	69.3V	69.5V	69.7V	69.9V	70.1V
Maximum Power Voltage (Vmp)	58.2V	58.3V	58.5V	58.7V	58.9V	59.1V
Short-circuit Current (Isc)	7.28A	7.33A	7.37A	7.42A	7.47A	7.52A
Maximum Power Current (Imp)	6.72A	6.76A	6.80A	6.84A	6.88A	6.92A

Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

I-V Curve (MS-M72X10/BF-530W)

