

## MS-SP6-60-BIPV: BIPV Mono Crystalline Solar Module 60 cells, 300-320 W

### FEATURES

- The 60-celled MS-SP6-60-BIPV monocrystalline modules produced by Macsun Solar (power output 300Wp up to 320Wp) are best deployed in larger installations requiring higher power outputs.
  - The MS-SP6-60-BIPV series is compliant to high international standards and features a 25-year linear warranty on product outputs which further ensures your return on investments over time. Certified according to EN 60068-2-68, it is resistant to the impact of sand and dust and is thus a valuable choice for projects in challenging environments.
  - High module efficiency, up to 19.59%
- Industry-leading 25-year linear warranty on outputs  
Higher power outputs

Front Side



Back Side



### ELECTRICAL CHARACTERISTICS AT STC

TYPE		MS-SP6-60-BIPV305M	MS-SP6-60-BIPV310M	MS-SP6-60-BIPV315M	MS-SP6-60-BIPV320M
Maximum Power	$P_{max}(W)$	305W	310W	315W	320W
Tolerance Value for Power	%	0~+5%	0~+5%	0~+5%	0~+3%
Maximum Power Voltage	$V_{mpp}(V)$	32.57	32.84	33.16	33.78
Maximum Power Current	$I_{mpp}(A)$	9.37	9.44	9.50	8.90
Open Circuit Voltage	$V_{oc}(V)$	40.05	40.30	40.53	38.60
Short Circuit Current	$I_{sc}(A)$	9.85	9.91	9.98	9.49
Module Efficiency	$\eta$	>18.67%	>18.98%	>19.28%	>19.59%

### MECHANICAL SPECIFICATIONS

Solar Cells	156.75x156.75mm, 4BB/5BB Monocrystalline cell, 6 "(6x10)
Junction box	IP67, combined with 3 by-pass diodes
Front Glass Thickness	High transparency, low iron, tempered glass 3.2 mm (AR-coating), Double Class
Connecting Cable/Connector	4 mm <sup>2</sup> , 900 mm Cable, MC4-compatible
Dimension	1660*992*6.5 mm
Weight	24 kg±5%
Quantity in FCL Containers	36 pcs/ pallet, 1008 pcs per 40GP Container

