BLUESUN SOLAR Solarhome
Manufacturer Since 2013

www.bluesunpv.com

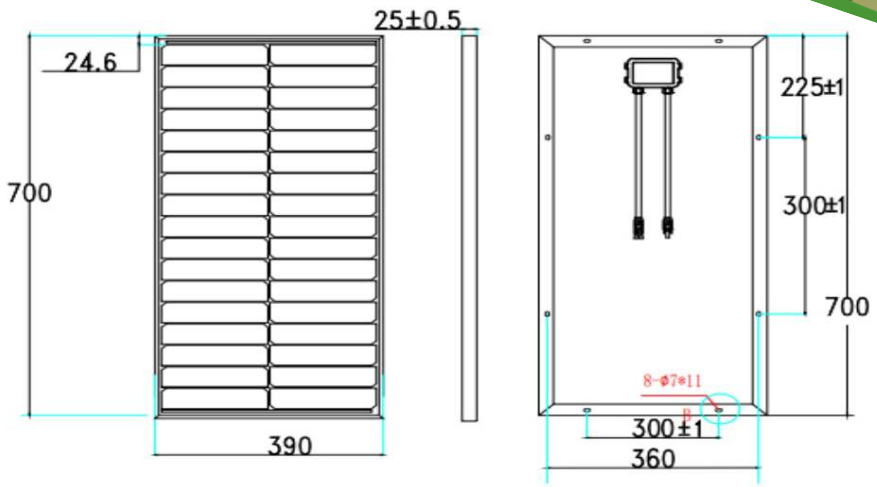
FOLLOW US
@Bluesun Solar

MONOCRYSTALLINE
BSM50M-36
50W MODULE



PHYSICAL CHARACTERISTICS

Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	BSM50M-36
Nominal Maximum Power (Pmax)	50W
Optimum Operating Voltage (Vmp)	19.04V
Optimum Operating Current (Imp)	2.63A
Open Circuit Voltage (Voc)	22.85V
Short Circuit Current (Isc)	2.77A
Module Efficiency	18.3%
Cell Efficiency	22.8%
Power Tolerance	0 to +3%
Maximum System Voltage	DC 1000V
Operating Temperature	-40℃~+85℃
Maximum Series Fuse Rating	10A
Number of Bypass Diode	1

MECHANICAL DATA

Cell Type	182
Cell Arrangement	34 cells in series
Dimensions	700*390*25mm
Weight	3.1kg
J- Box	IP65, 1 diodes
Cable	4mm (IEC) / 12AWG (UL), 45mm
Connectors	MC4 or MC4 compatible
Packing Configuration	258pcs/carton,8256pcs/40hq
Product Certificates	

BLUESUN SOLAR CO.,LTD
Tel:+86 (158) 5821 3997
Fax:+86 (551) 6565 2651
E-mail:info@bluesunpv.com
Add:1499 Zhenxing Road, Shushan District,230031 Hefei,China

BLUESUN Solarhome
Manufacturer Since 2013
2024-01-Rev01-EN
*Release BSMXXXM-36_210_ (250W)