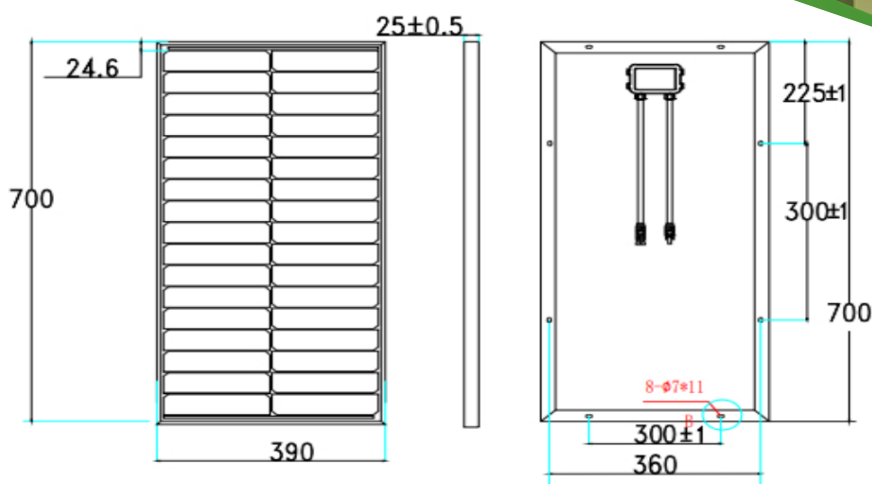


MONOCRYSTALLINE BSM50M-36

50W MODULE

PHYSICAL CHARACTERISTICS

Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	BSM50M-36
Nominal Maximum Power (P _{max})	50W
Optimum Operating Voltage (V _{mp})	19.04V
Optimum Operating Current (I _{mp})	2.63A
Open Circuit Voltage (V _{oc})	22.85V
Short Circuit Current (I _{sc})	2.77A
Module Efficiency	18.3%
Cell Efficiency	22.8%
Power Tolerance	0 to +3%
Maximum System Voltage	DC 1000V
Operating Temperature	-40 °C ~ +85 °C
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

