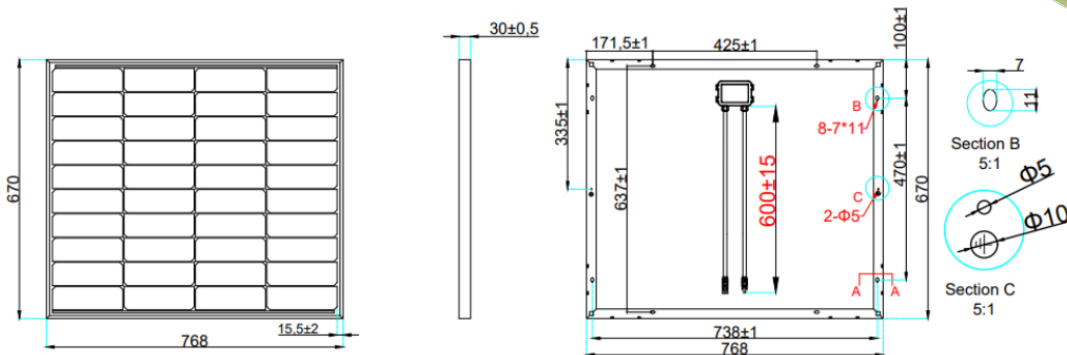


# MONOCRYSTALLINE BSM100M-36

## 100W MODULE

### PHYSICAL CHARACTERISTICS

Unit: mm (inch)



### ELECTRICAL SPECIFICATIONS

Model Type	BSM100M-36
Nominal Maximum Power (Pmax)	100W
Optimum Operating Voltage (Vmp)	22.8V
Optimum Operating Current (Imp)	4.39A
Open Circuit Voltage (Voc)	27.36V
Short Circuit Current (Isc)	4.87A
Module Efficiency	19.4%
Cell Efficiency	22.9%
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	40 cells in series
Dimensions	768*670*30mm
Weight	5.7kg
J- Box	IP65, 1 diodes
Cable	4mm (IEC) / 12AWG (UL), 45mm
Connectors	MC4 or MC4 compatible
Packing Configuration	28pcs/carton, 2658pcs/40hq

Product Certificates

