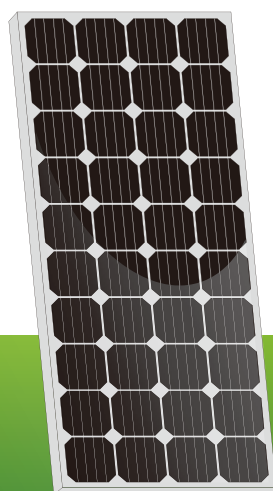
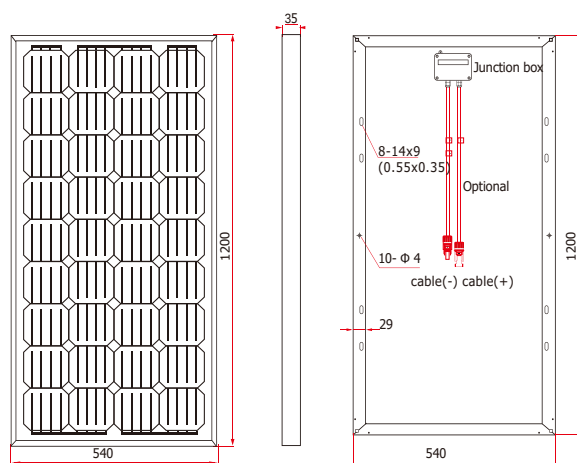


MONOCRYSTALLINE MODULE 110W



SOLAR MODULE:
BSM-110M

PHYSICAL CHARACTERISTICS Unit: mm



ELECTRICAL SPECIFICATIONS

Model Type	BSM-110M
Nominal Maximum Power (Pmax)	110W
Optimum Operating Voltage (Vmp)	18.08V
Optimum Operating Current (Imp)	6.08A
Open Circuit Voltage (Voc)	22.47V
Short Circuit Current (Isc)	6.28A
Module Efficiency	16.17%
Cell Efficiency	18.60%
Power Tolerance	0 to +5W
Maximum System Voltage	DC 1000V
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse Rating	15A
Number of Bypass Diode	2

MECHANICAL DATA

Cell Type	125mm x 125mm
Cell Arrangement	36 cells in series
Dimensions	1200 x 540 x 35 mm
Weight	8.2kg (approx)
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP65, 2 diodes
Cable	2.5mm (IEC) / 12AWG (UL), 900mm (650mm is optional)
Connectors	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.420% / °C
Temperature Coefficient (Voc)	-0.336% / °C
Temperature Coefficient (Isc)	0.042% / °C
Nominal Operating Cell Temperature	45.3 ± 2 °C

ELECTRICAL CHARACTERISTICS

(BSM-110)

Current-Voltage Characteristic (I-V Curve)

