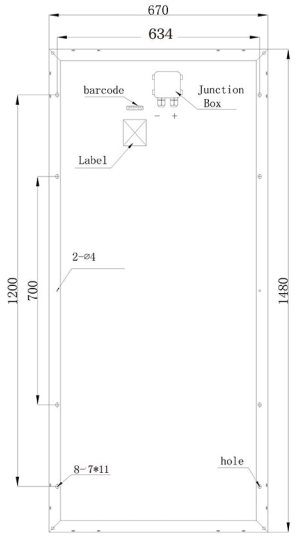
BETA SLATE

High Efficiency, High Quality PV Module

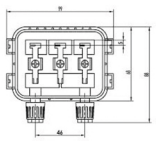
Electrical Characteristics	BS36B-175/MH
Maximum power (Pmax)	175W
Voltage at Pmax (Vmp)	18.7V
Current at Pmax (Imp)	9.36A
Open-circuit voltage (Voc)	22.9V
Short-circuit current (Isc)	9.75A
Temperature coefficient of Voc	-(0.40 ± 0.05)%/ °C
Temperature coefficient of Isc	(0.065 ±0.01)% /°C
Temperature coefficient of power	-(0.5±0.05)%/ °C
NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	1000VDC
Power tolerance	+ 3%
Cells	Monocrystalline solar cell
No. of cells and connections	36(4X9)
Module Dimension	1480*670*30mm
Weight	11kg

** STC:Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C*
** Specifications are subject to change without notice at any time.*

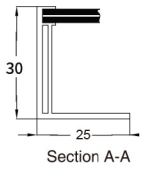
Module Diagram



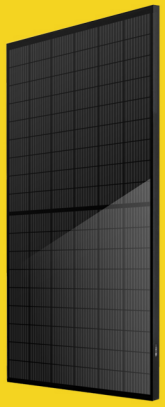
Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit:mm[in.]



Junction Box
Top View (Lid open)



Section A-A



Key Features:

- High module efficiency and stable power output
- Based on leading process technology
- Outstanding electrical performance under high temperature conditions or low irradiance conditions
- Easy of installation and all-weather applications
- 5 years product warranty(materials and workmanship)
- 20 years module power output warranty
- Peak power of single module is guaranteed in +3% power tolerance
- Strong framed module,passing loaded test of 5400 Pa (IEC61215 2nd)
- *The manufacture is certified for ISO 9001:2008*

Applications

- Off grid residential roof-tops
- Off grid commercial/industrial roof-tops
- Rural area applications
- Solar power system
- Other off-grid applications

BETA ENERGIES

Address: Canary Wharf Caboat Square, London E14 4Q2, GBR, United Kingdom
E-Mail: info@betaenergies.com