



BS-340M-360M-72

BRITISH SOLAR

Monocrystalline module

Characteristics

System Voltage:

The maximum voltage is promoted to 1500V and the module string sare extended by 50% which reduces the overall system BOS.

A Wide Range of Products:

Monocrystalline module with power 285W-360W, depending on configurations. Guaranteed positive tolerance from 0-3% ensures power output reliability.

High Reliability:

Guaranteed mechanical resistance to severe weather conditions for reliable power output. Compliant with IEC 61215 and IEC 61730.

Traceability:

Flash report and embedded bar code ID for each module for complete traceability.

Low-light Performance:

Advanced glass and surface texturing ensure excellent performance in low-light environments.

Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.

A Wide Range of Applications:

Independent systems (households, power supplies for remote areas, remotesystems) and grid-connected photovoltaic power stations (residential, commercial, industrial power supply systems).



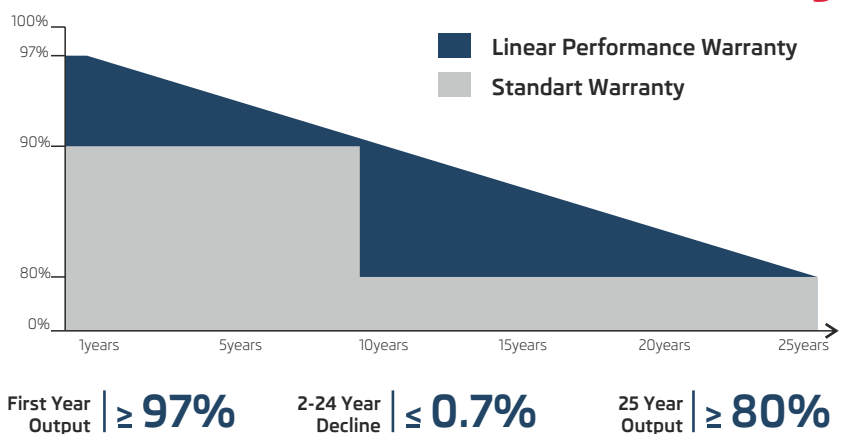
12 years limited product warranty
First year guarantee no less than 97% power output
25 years guarantee no less than 80% power output

Certification



Photon
LABORATORY

Warranty



BS-340M-360M-72



ELECTRICAL CHARACTERISTICS AT STC

MODELS	BS-340M-72	BS-345M-72	BS-350M-72	BS-355M-72	BS-360M-72
Nominal Power (Pmax), W	340	345	350	355	360
Open Circuit Voltage (Voc), V	46,3	46,4	46,4	46,6	46,7
Short Circuit Current (Isc), A	9,44	9,54	9,62	9,69	9,74
Voltage at Nominal Power (Vmp), V	38,1	38,5	38,6	38,8	39,1
Current at Nominal Power (Imp), A	8,94	8,98	9,07	9,17	9,21
Module Efficiency (%)	17,5%	17,8%	18,1%	18,3%	18,6%

NOMINAL MODULE	Power Temperature Coefficient:-0.40%/K
OPERATING TEMPERATURE	Open-Circuit Voltage Temperature Coefficient:-0.32%/K
(NMOT):43 ± 2°C	Short-Circuit Current Temperature Coefficient: 0.05 %/K

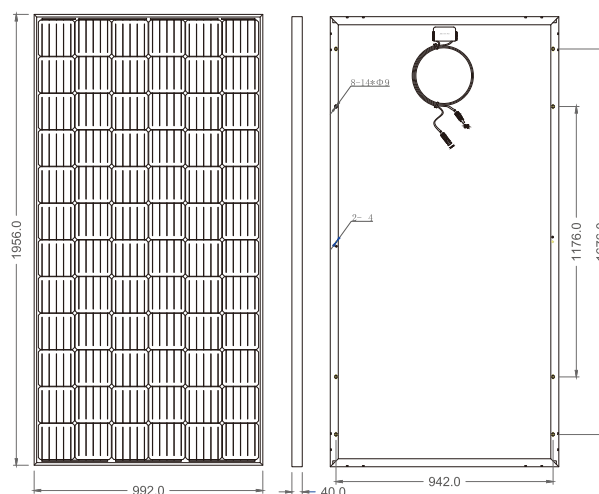
MAXIMUM RATINGS MECHANICAL PARAMETERS:

Operating Temperature	-40~+85°C
Maximum Storage Temperature	-20~+40°C
Class of Protection	Class II
Maximum System Voltage	TUV 1500V/1000V DC
Maximum Overcurrent Protection Rating	15A

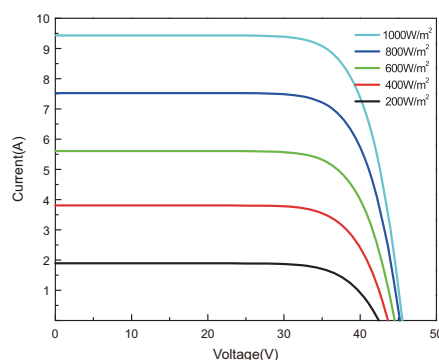
MECHANICAL PARAMETERS:

Cell Type	156.75×156.75mm monocrystalline
Cell Configuration	72 (6×12) PCS in series
Dimension	1956x992x40mm
Weight	22kg
Front Glass	3.2mm, high transmission, low iron, tempered glass
Junction Box	IP67 Rated
Cabels	4.0mm ² ,length:1000mm
Frame	Anodized aluminium-alloy

DIMENSIONS FOR PV MODULE:



I-V CURVES OF PV MODULE:



PACKAGE:

40HQ: 24 pallets, each pallet 27pcs, total 648pcs