



Amorphous Silicon modules will provide you 8-15% more energy than crystalline ones when the illumination is low, the weather is cloudy or scattered light is dominant.



BANGKOK SOLAR CO., LTD. is one of the edge leaders of amorphous silicon module manufacturers. The modules has stable, reliable construction, and are designed for all weather usage.

BS 40 is totally HERMETIC. No additional hermetically seal is needed. The high quality glass-to-glass encapsulation methods providing long term strength and durability. Easy mounting is possible with aluminium frame for any position. In case of applications in vertical position (e.g. solar walls, solar facade, etc.) please contact manufacturer.

SOLAR POWER PLANTS

BS 40, considerably raises the economic efficiency of medium or large scale Solar Power Plants.

BIPV

The best selling type BS 40, are ideal choice for building integrated, BIPV application. The hermetic seal, aesthetic, uniform module-outlook are challenging features for architects and designers.

FRAME

Modules will be provided without aluminium frame. For other type of frame can be ordered as an option.

Technical Specifications:

	Power*	Voltage*	Current*	Weight	Size	Total area	Open circuit Voltage	Short circuit current	Max. series Fuse
Module Type	Watt	V dc	A dc	Max kg	mm x mm	m ²	V dc	A dc	A
BS 40	40	44.8	0.90	13.5	635x1245	0.8	62.2	1.16	4

*Rated values at STC conditions
 STC: 1000 W/m² irradiance, 25 °C Cell temperature, 1.5 Air mass solar spectral distribution
 All module thickness 7 mm max.

Data sheets: BS 40
 Rev: May 2005
 Valid until next release

Bangkok Solar reserves the right to modify these specifications without notice.

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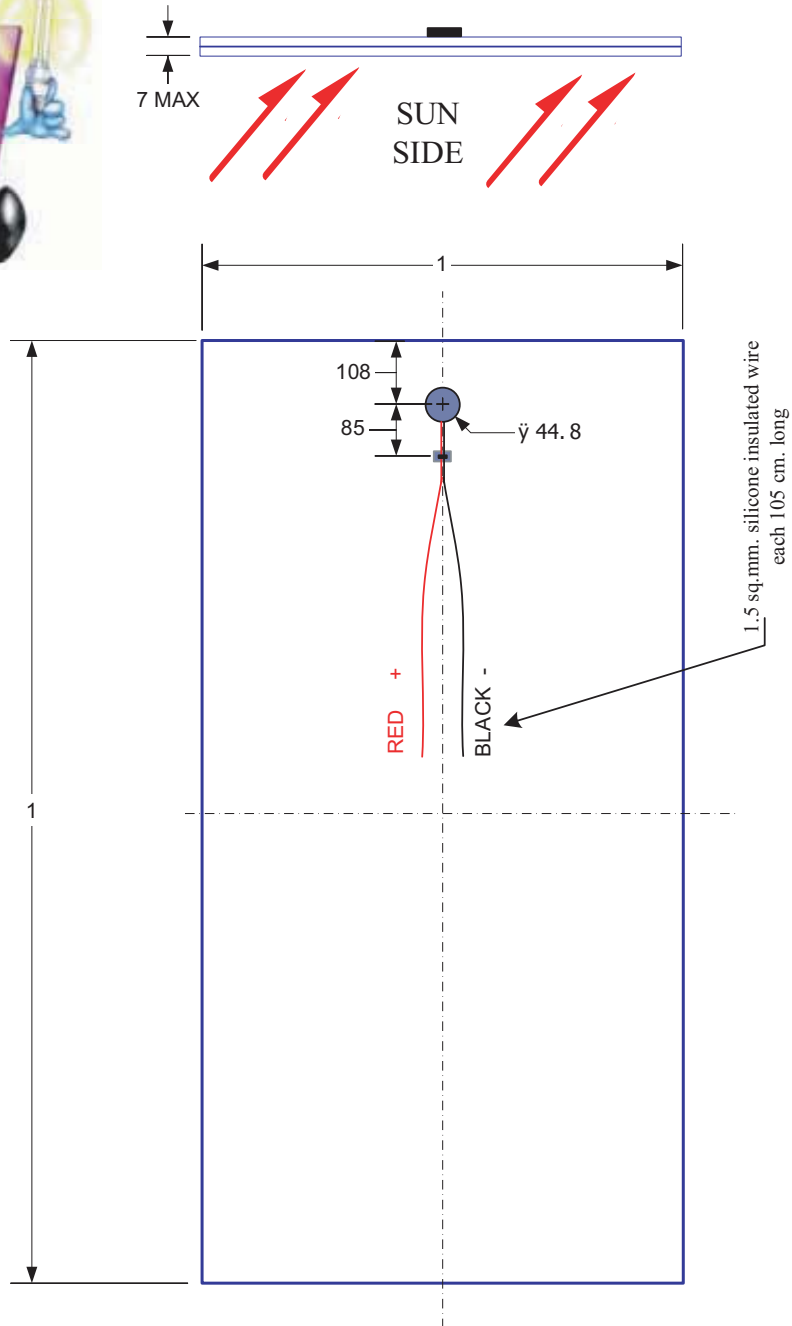
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BS 40 AMORPHOUS SILICON PHOTOVOLTAIC MODULE



- Note :
1. Not to Scale
 2. All dimensions are expressed in mm.
 3. Tolerance ± 1.5