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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**BS Solar Tech Co., Ltd.**

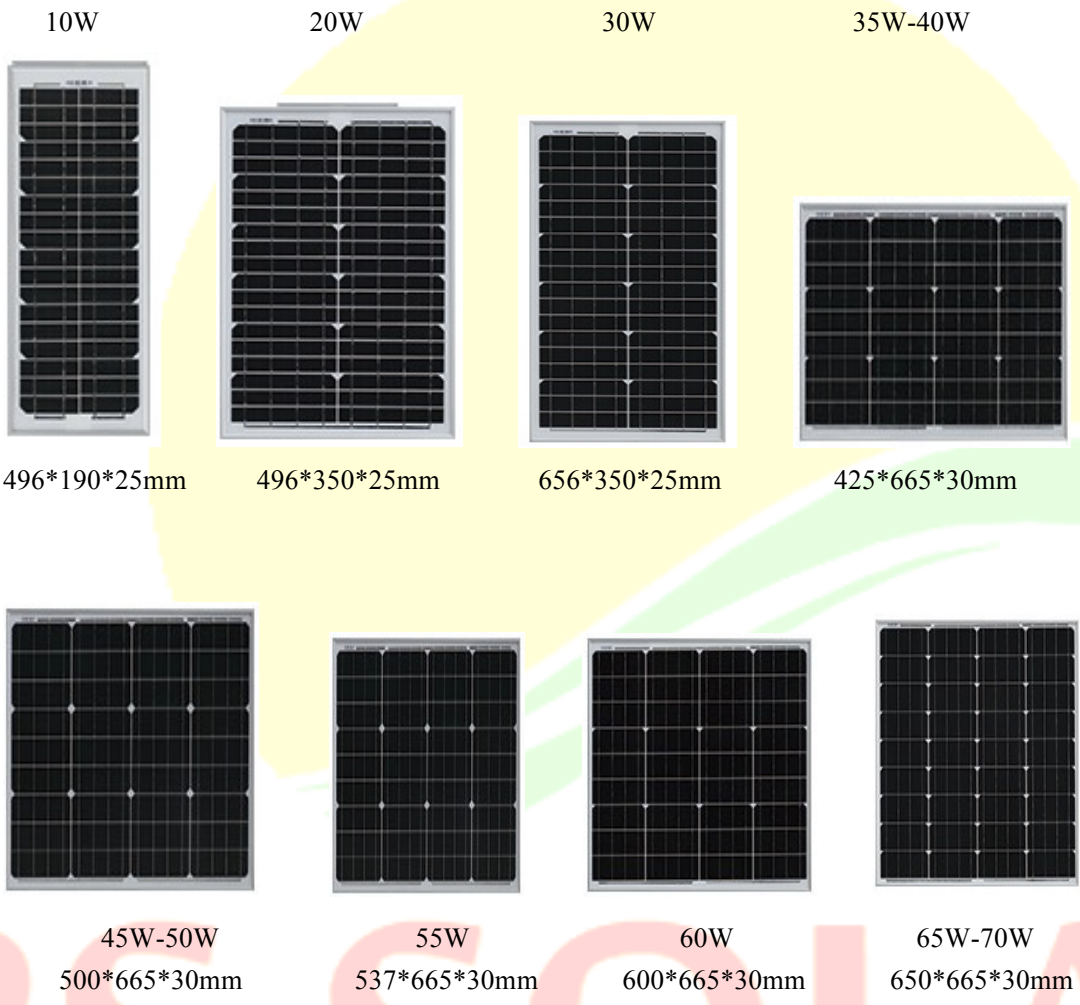
**BS35-40M36**

**BS40M36**

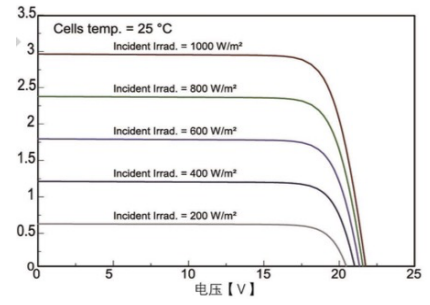
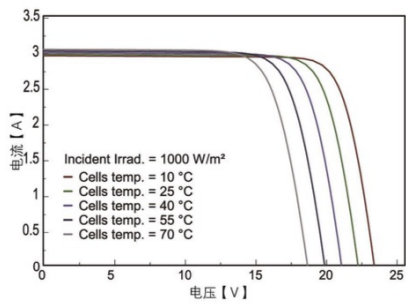
Also available on the web at  
[EnergyPal.com/bs-solar-tech-co-ltd-solar-panels/bs40m36](http://EnergyPal.com/bs-solar-tech-co-ltd-solar-panels/bs40m36)

**BSaaaM36 (aaa=10W-65W)**

**Monocrystalline Module**



IV Curve



## Typical Electrical Characteristics

Type	BS10M36	BS20M36	BS30M36	BS35M36	BS40M36	BS45M36
Pmax(W)	10	20	30	35	40	45
Size(mm)	496*190*25	496*350*25	656*350*25	425*665*30	425*665*30	500*665*30
Voc(V)	22.1	22.1	22.6	22.1	22.8	22.2
Isc(A)	0.60	1.19	1.76	2.09	2.32	2.67
Vmp(V)	18.1	18.1	18.4	18.1	18.6	18.2
Imp(A)	0.55	1.10	1.63	1.93	2.15	2.47
Eff.(%)	10.61	11.52	13.07	12.38	14.15	13.53
Weight (kg)	1.2	2.0	2.5	3.4	3.4	4.0
Cell size (mm)	22.28*78	22.28*156	31.2*156	39*156	39*156	48*156

Type	BS50M36	BS55M36	BS60M36	BS65M36	BS70M36
Pmax(W)	50	55	60	65	70
Size(mm)	500*665*30	500*665*30	600*665*30	650*665*30	650*665*30
Voc(V)	22.8	22.8	22.8	22.6	22.8
Isc(A)	2.90	3.19	3.48	3.82	4.06
Vmp(V)	18.6	18.6	18.6	18.4	18.6
Imp(A)	2.69	2.96	3.23	3.53	3.76
Eff.(%)	15.04	15.40	15.04	15.04	16.19
Weight (kg)	4.0	4.3	4.8	5.2	5.2
Cell size (mm)	48*156	52*156	58.5*156	66*156	66*156

\*STC Conditions:1000W/m<sup>2</sup>; 1.5AM and 25°C temperature; Power Tolerance: 0-+3

Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned maybe of modification accordingly BS solar have the sole right to make such nodification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract need, and make it a consisting and binding part of lawful documentation duly signed by both parties.

## Packaging Configuration

Type	BS10M36	BS20M36	BS30M36	BS35/40M36
Carton Size (mm)	510*390*400	510*390*365	670*280*365	440*680*175
Pallet Size (mm)	1600*1050*2135	1600*1050*1960	1370*1150*1960	1360*1100*2170
Pallet/Weight(kg)	1414	1190	1070	996.6
NO./Pallet(PCS)	1120(28/CTN)	560(14/CTN)	400(10/CTN)	270(5/CTN)

Type	BS45/50M36	BS55M36	BS60M36	BS65/70M36
Carton Size (mm)	515*680*175	552*680*175	615*680*175	665*680*175
Pallet Size (mm)	1400*1100*2190	1400*1130*2170	1270*1100*2170	1370*1100*2170
Pallet/Weight(kg)	1038	1110	940.8	1012.8
NO./Pallet(PCS)	240(5/CTN)	240(5/CTN)	180(5/CTN)	180(5/CTN)