

**For a Free Quote:**

Web: **EnergyPal.com/solar**

Call: **1-800-990-3725**

Email: **contact@energypal.com**



**Solar Panel Guide  
Specification Data Sheet**

**Bharat Surya Energy Limited  
BS005P-300P  
BS040P**

Also available on the web at  
[EnergyPal.com/bharat-surya-energy-limited-solar-panels/bs040p](http://EnergyPal.com/bharat-surya-energy-limited-solar-panels/bs040p)



Bharat Surya Energy Ltd  
भारत सूर्य एनर्जी लिमिटेड

## Solar Panel

The solar panel is the most basic element of a solar power system. It primarily functions to gather sunlight during certain periods of the day to power different devices and structures. Depending on the size, solar panels can power anything from RVs to huge plants.

Solar energy starts with the sun. Solar panels are also known as photovoltaics and are primarily used to convert light from the sun to electricity. These are made of energy particles called photons that are changed into electricity to power various electrical loads. Light from the sun is considered as a renewable energy resource that gives clean energy.

Solar panels can be used for different applications like remote power systems for cabins, remote sensing, telecommunications equipment and to produce electricity for commercial and residential panel systems.

Solar panels can gather clean renewable energy in sunlight form that is in place converted into electricity. The average home has adequate roof area to let solar panels gather enough sun to be converted into DC current.

BSEL Solar Panels made of Polycrystalline Photovoltaic cells provide high quality solar energy backed with 25 years of efficiency warranty offered to customers make them a preferred brand by various customers.



Bharat Surya Energy Ltd

### Corporate Office:

D- 37, Sec-11, Noida - 201301, Uttar Pradesh, India  
Toll Free No: 1800 103 8408

### General Enquiries

[cscell@bharatsurya.com](mailto:cscell@bharatsurya.com)

# BSEL Solar Panel Models

BSEL Model Number	Max Power(W)	Dimension (mm)	Weight (KG)	Imp (A)	Vmp (V)	Isc (A)	Voc (V)
BS005P180023601	5W	320×200	0.70	0.27A	18.25V	0.29A	21.96V
BS010P180053601	10W	290×355	1.30	0.55A	18.25V	0.59A	21.96V
BS020P180113601	20W	510×355	2.20	1.1A	18.25V	1.17A	21.96V
BS040P180233601	40W	620×540	3.50	2.32A	17.20V	2.57A	21.60V
BS050P180273601	50W	540×770	4.50	2.70A	18.50V	2.89A	22.14V
BS060P180343601	60W	800×540	5.30	3.49A	17.20V	3.86A	21.60V
BS075P180413601	75W	1000×540	7.00	4.18A	18.12V	4.60A	21.76V
BS080P180463601	80W	1200×540	6.50	4.65A	17.20V	5.17A	21.60V
BS100P180583601	100W	1061×670	7.80	5.80A	17.20V	6.46A	21.60V
BS125P180753601	125W	1361×670	10.50	7.56A	17.20V	8.4A	21.60V
BS150P180803601	150W	1485×668	11.60	8.06A	18.62V	9.02A	22.35V
BS200P181077201	200W	1330×992	18.50	10.70A	18.71V	12.09A	22.64V
BS250P181337201	250W	1760×992	18.60	13.36A	18.73V	14.70A	22.85V
BS300P181667201	300W	1956×992	23.00	16.67A	18.00V	18.33A	21.60V



**BSEL**

Bharat Surya Energy Ltd

**Corporate Office:**

D- 37, Sec-11, Noida - 201301, Uttar Pradesh, India  
Toll Free No: 1800 103 8408

**General Enquiries**

cscell@bharatsurya.com

[www.bharatsurya.com](http://www.bharatsurya.com)