

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

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

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

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

**Benya Technology Group Co., Ltd**

**BTSP100P**

**BTSP100P**

Also available on the web at  
[EnergyPal.com/benya-technology-group-co-ltd-solar-panels/btsp100p](http://EnergyPal.com/benya-technology-group-co-ltd-solar-panels/btsp100p)

Benya Technology Group Co., Ltd



**BTSP100P**

Peak Power (Pmax)	100 W
Max Power Point Voltage (Vmax)	18.1 V
Max Power Point Current (Imax)	5.5 A
Open Circuit Voltage (Voc)	22.4 V
Short Circuit Current (Isc)	5.9 A
Module Efficiency	14.6%
System Voltage	1000DC(IEC)/600DC(UL)
Max Fuse Rated Current	15 A
Solar Cell Type	polycrystalline
Number of Solar Cells	36 pcs
Size	1,020x670x30 mm
Weight	about 7.0 kg
Front Plate	coated glass
Frame	anodized aluminum alloy
Junction Box	IP65
Cable	N/A
Connector	MC4
NOCT	45±2°C
Working Temperature	-40°C ~ +85°C
Storage Temperature	-20°C ~ +40°C
T.C. of Pmax	-0.48%/°C
T.C. of Voc	-0.34%/°C
T.C. of Isc	0.037%/°C
Output Power Tolerance (%)	±3%
Warranty of Product Workmanship	3 years
Warranty of Linear Power	5 years
STC: irradiance 1,000 W/m <sup>2</sup> , AM 1.5, temperature: 25±2°C.	