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# **EnergyPal**

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

**Benya Technology Group Co., Ltd**

**BTSP280M**

**BYUM280-30**

Also available on the web at  
[EnergyPal.com/benya-technology-group-co-ltd-solar-panels/byum280-30](http://EnergyPal.com/benya-technology-group-co-ltd-solar-panels/byum280-30)

Benya Technology Group Co., Ltd



**BTSP280M**

Peak Power (Pmax)	280 W
Max Power Point Voltage (Vmax)	31.0 V
Max Power Point Current (Imax)	9.0 A
Open Circuit Voltage (Voc)	38.0 V
Short Circuit Current (Isc)	9.5 A
Module Efficiency	17.2%
System Voltage	1000DC(IEC)/600DC(UL)
Max Fuse Rated Current	15 A
Solar Cell Type	monocrystalline, 156x156 mm
Number of Solar Cells	60 pcs
Size	1,640x992x35 mm
Weight	about 19.5 kg
Front Plate	3.2 mm tempered glass
Frame	anodized aluminum alloy
Junction Box	IP67, 3 diodes
Cable	4mm <sup>2</sup> x 840mm
Connector	MC4
NOCT	45±2°C
Working Temperature	-40°C ~ +85°C
Storage Temperature	-20°C ~ +40°C
T.C. of Pmax	-0.44%/°C
T.C. of Voc	-0.33%/°C
T.C. of Isc	0.065%/°C
Output Power Tolerance (%)	±3%
Warranty of Product Workmanship	10 years
Warranty of Linear Power	25 years
STC: irradiance 1,000 W/m <sup>2</sup> , AM 1.5, temperature: 25±2°C.	