

Benya Technology Group Co., Ltd



**BTSP50M**

|   |                         |
|---|-------------------------|
| Peak Power (Pmax)   | 50 W                    |
| Max Power Point Voltage (Vmax)  | 18.1 V                  |
| Max Power Point Current (Imax)  | 2.4 A                   |
| Open Circuit Voltage (Voc)  | 21.3 V                  |
| Short Circuit Current (Isc)   | 2.8 A                   |
| Module Efficiency   | 15.5%                   |
| System Voltage  | 1000DC(IEC)/600DC(UL)   |
| Max Fuse Rated Current  | 10 A                    |
| Solar Cell Type   | monocrystalline         |
| Number of Solar Cells   | 32 pcs                  |
| Size  | 670x480x25 mm           |
| Weight  | about 3.8 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. |                         |