

## 100W SOLAR FLOOD LIGHT

**Model: BST-SFL-100W-F05**

| Feature                      | Specification   |
|------------------------------|---|
| <b>LED Power</b>             | 100W  |
| <b>LED Chips</b>             | SMD3030   |
| <b>LED Quantity</b>          | 200 pcs   |
| <b>Light Efficiency</b>      | Up to 1600 lumens (Max)   |
| <b>Solar Panel</b>           | Monocrystalline silicon 6V / 22W  |
| <b>Battery Type</b>          | LiFePO <sub>4</sub> (Lithium Iron Phosphate)  |
| <b>Battery Capacity</b>      | 3.2V / 18,000mAh  |
| <b>Control Modes</b>         | Light Control / Time Control / Remote   |
| <b>Beam Angle</b>            | 120°  |
| <b>Color Temperature</b>     | 3000–6500K  |
| <b>Charging Time</b>         | 4–6 hours (with sufficient sunshine)  |
| <b>Lighting Duration</b>     | 18–24 hours   |
| <b>LED Lifespan</b>          | ≥100,000 hours  |
| <b>Operating Temperature</b> | -10°C to +65°C  |
| <b>IP Rating</b>             | IP66 (Waterproof and Dustproof)   |
| <b>Material</b>              | Aluminum Die-Casting + PC Lens  |
| <b>Housing Color</b>         | White + Grey  |
| <b>Solar Panel Size (mm)</b> | 400 × 350 × 17  |
| <b>Lamp Size (mm)</b>        | 220 × 195 × 60.5  |
| <b>Special Features</b>      | High light transmittance, detachable housing, battery status indicator, enhanced light efficiency through PC optic lens |