

100W SOLAR FLOOD LIGHT

Model: BST-SFL-100W-F05

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

Applications

- Outdoor security lighting for homes, offices, and warehouses
- Street and pathway illumination
- Gardens, compounds, and landscapes
- Community centers and public spaces
- Farms, rural areas, and off-grid locations
- Construction sites and temporary setups
- Billboards and outdoor advertising boards

Contact Information

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