

300W SOLAR FLOOD LIGHT

Model: BST-SFL-300W-F05

Feature	Specification
LED Power	300W
LED Chips	SMD3030
LED Quantity	600 pcs / 608 pcs
Light Efficiency	Up to 3200 lumens (Max)
Solar Panel	Monocrystalline silicon 6V / 40W
Battery Type	LiFePO ₄ (Lithium Iron Phosphate)
Battery Capacity	3.2V / 36,000mAh
Control Modes	Light Control / Time Control / Remote
Beam Angle	120°
Color Temperature	3000–6500K
Charging Time	4–6 hours (with sufficient sunlight)
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)	700 × 430 × 25
Lamp Size (mm)	332 × 295 × 65.5
Special Features	Detachable housing, battery status display, optic PC lens for increased light

transmittance and efficiency

Applications

- Outdoor Security Lighting – compounds, parking lots, and perimeter fencing
- Commercial & Industrial Use – warehouses, workshops, fuel stations, and construction sites
- Residential Areas – gardens, courtyards, and home driveways
- Public Spaces – streets, pathways, playgrounds, and community centers
- Events & Outdoor Activities – sports fields, concerts, or temporary outdoor gatherings
- Remote & Off-grid Locations – reliable lighting for rural areas without stable grid power

Contact Information

Brand: Entelechy

Email: bultecengineeringsolutions@gmail.com

Website: www.entelechy-ug.com

Phone: +256 200 930 008

Address: Plot 58 Kisasi - Ntinda Road, Kampala.