



**ENTELECHY**  
POWER YOUR LIFE WITH GREEN ENERGY

# Solar Flood Light F01 Specifications



**Guangzhou Best Electronic Technology Co., Ltd**

[www.entelechyenergy.com](http://www.entelechyenergy.com)

**Product features:**

- Wire free,Power free;
- 2000 deep cycle brand new LifePO4 lithium battery with service life more than 8-10 years;
- Using SMD5730 LED chip, high luminous efficiency, high index;
- The Product buckle design, easy to disassemble and easy to maintain;
- Remaining battery power display function;
- With remote control function;
- 3 years Warranty.



	<p><b>LIGHT</b></p> <p><b>High Efficient Solar Panels</b></p> <p>High photoelectric conversion rate Charging time: 4-6H Solar panel life :25 years</p>	<p><b>LIGHT</b></p> <p><b>SMD LED Chip</b></p> <p>High Luminous Efficiency SMD5730 LED Chip</p>	
	<p><b>LIGHT</b></p> <p><b>LifePO4 Lithium Battery</b></p> <p>2000 Deep Cycle Brand New LifePO4 Lithium Battery Long Service Life</p>	<p><b>LIGHT</b></p> <p><b>Display battery status</b></p> <p>With display battery status function</p>	<p>Battery status display</p>
	<p><b>LIGHT</b></p> <p><b>Rotation Bracket</b></p> <p>Adjustable mounting angle</p>	<p><b>LIGHT</b></p> <p><b>Materials</b></p> <p>Aluminum Die-Casting Material shell Anti-corrosion</p>	

## Product Specification:

Model	BST-SFL-F01-50W	BST-SFL-F01-100W	BST-SFL-F01-200W	BST-SFL-F01-300W	BST-SFL-F01-400W
LED Power	50W	100W	200W	300W	400W
LED Chips	San'an SMD5730 0.5W	San'an SMD5730 0.5W	San'an SMD5730 0.5W	San'an SMD5730 0.5W	San'an SMD2835 0.5W
LED QTY	100 Pcs	240 Pcs	400 Pcs	600 Pcs	800 Pcs
Light efficiency	600LM Max	1500LM Max	2500LM Max	3200LM Max	3800LM Max
Solar Panel	Polysilicon 6V12W	Polysilicon 6V22W	Polysilicon 6V32W	Polysilicon 6V40W	Polysilicon 6V50W
LifePO4 Battery	3.2V 6000mAH	3.2V 18000mAH	3.2V 30000mAH	3.2V 42000mAH	3.2V 48000mAH
Control Pattern	Light Control/Time Control/Remote				
Beam Lighting Angle	120 Degree				
Color Temperature	3000-6500k				
Charging Time	4-6 Hours(If Sunshine)				
Lighting Time	20-24 Hours				
LED Life span	50000 hours				
Working Temperature	-10°C~65°C				
IP Rating	IP66				
Housing Color	Black				
Materials	Aluminum Die-Casting+Aluminum Frame Solar Panel				
Lamp Size	196*172*50 mm	240*210*52 mm	285*255*57 mm	345*310*65 mm	345*310*65 mm
Solar Panel Size	350*235*17 mm	430*350*17 mm	600*350*17 mm	670*350*17 mm	670*445*25 mm
Warranty	3 years				

## Product Package:



Model	Inner Box Size			Outer Box Size			Packing Qty	G.W/CTNS (KG)
	length (mm)	width (mm)	Height (mm)	length (mm)	width (mm)	Height (mm)		
BST-SFL-F01-50W	250	78	365	515	326	385	8	18
BST-SFL-F01-100W	365	85	445	530	375	465	6	22.6
BST-SFL-F01-200W	365	85	615	380	355	635	4	20.6
BST-SFL-F01-300W	365	94	685	391	380	705	4	26
BST-SFL-F01-400W	470	102	690	485	321	710	3	24

## REMOTE CONTROL MANUAL



## IP66 Waterproof

Outdoor waterproof, fearless wind and rain



**INTELLIGENT LIGHT-CONTROL**

