



SELF-CLEANING ALL-IN-ONE Solar Light

Ver:S01-CL

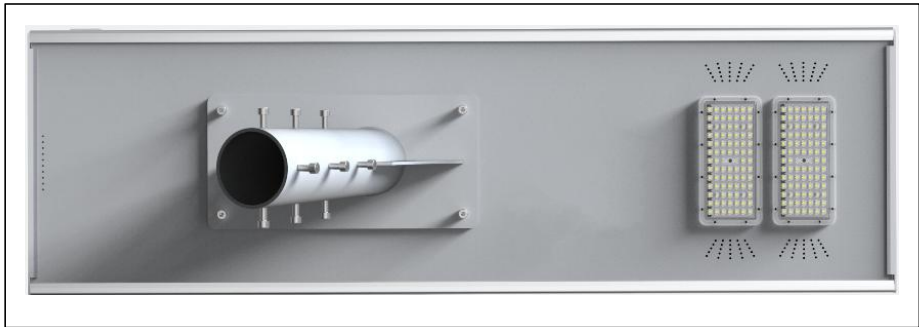
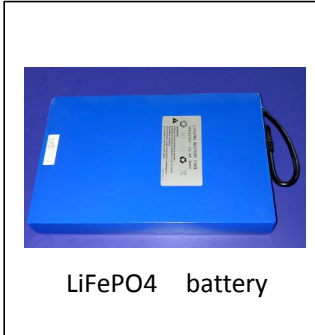
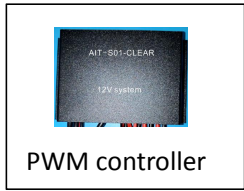
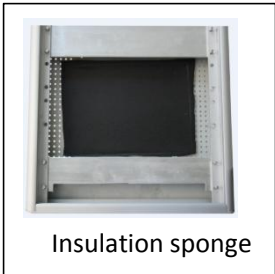
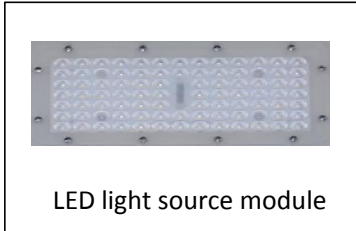


Professional LED Solar Lighting Manufacturer

MODEL: BST- AIO- 40W-S01-CL
BST- AIO- 60W-S01-CL
BST- AIO- 80W-S01-CL

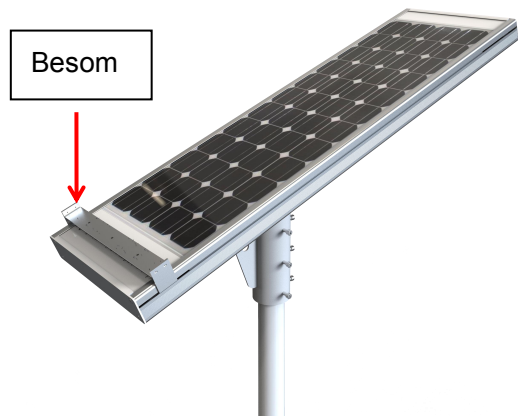
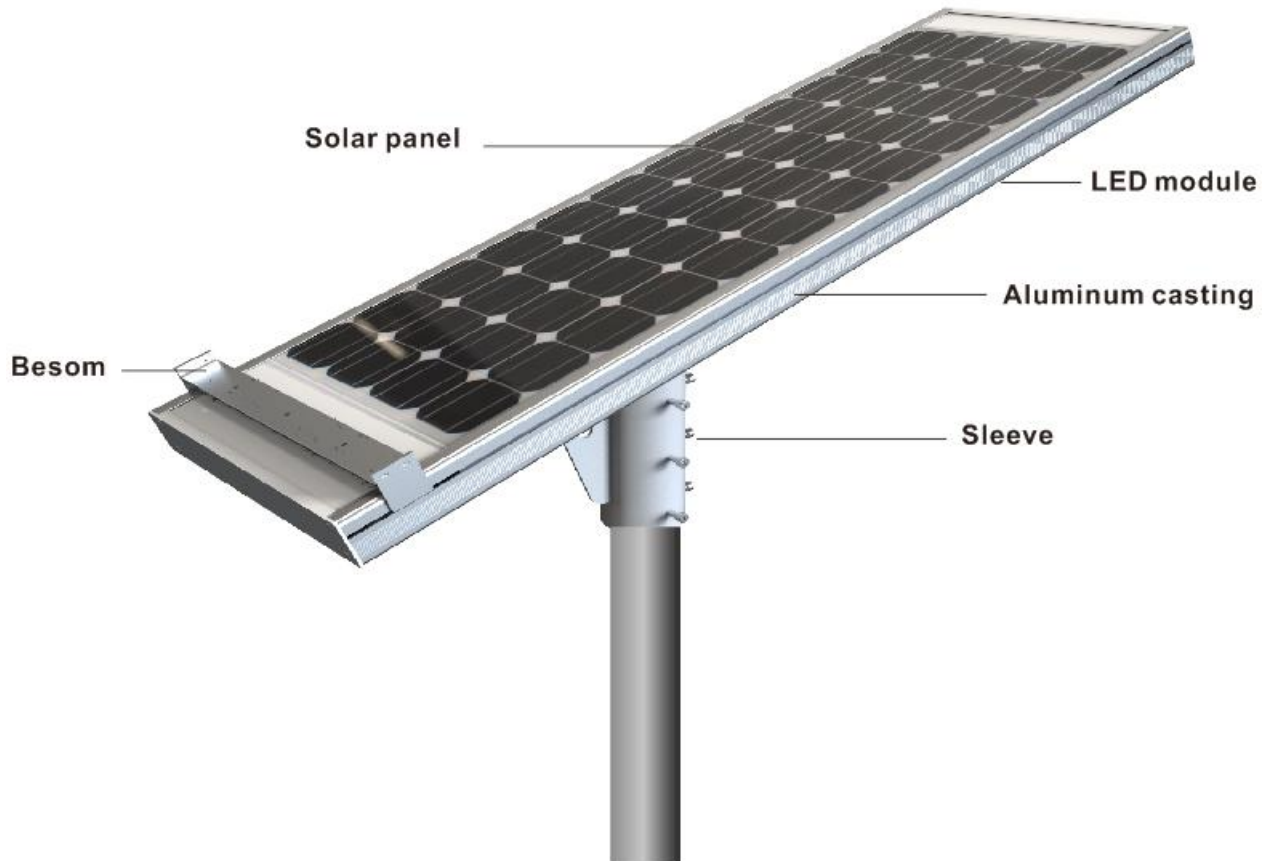
Guangzhou Best Electronic Technology Co.,Ltd

01 Product picture



02 Structure Design

- Integrate the solar panel, led body, battery and controller into whole system.
- Easy to transport, install and maintain.



03 Advantages



or



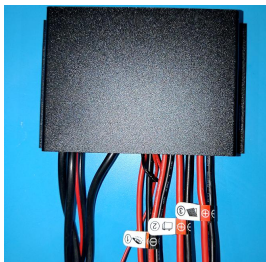
LED chips

- Seoul SMD3030 , lifespan>50000 hours
- 84 LED chips in 1 module
- 160-180lm/w high LED chip efficiency
- Multi-layer heat dissipation design to ensure lifespan of LED chips



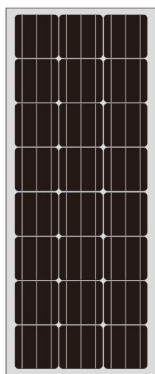
LiFePO4 battery

- Cycle life: 2000 times fully charging and discharging
- Lifespan > 5 years; 3 years warranty
- Working temperature: -20° ~+60°



Controller

- Smart controller with microwave induction and power saving
- IP67 waterproof
- 5 yeas warranty



Solar panel

- Monocrystalline silicon (Taiwan chip)
- Conversion efficiency>21%
- Lifespan: 25 years



Solar panel Hairbrush

- IP67 waterproof
- 3 yeas warranty
- Need to replace regularly

04 LED Quantity

3030 SMD chips-Street light specification chart-high light efficiency (160-180lm/W)

Specification	LED Quantity	LED Type	Beam Angle	Power
Double module	84*2	3030	140*70 Rectangular shape	40W
Double module	84*2	3030	Type II: Professional optical LENS for road lighting	60W
Trois modules	84*3	3030		80W



40W



60W

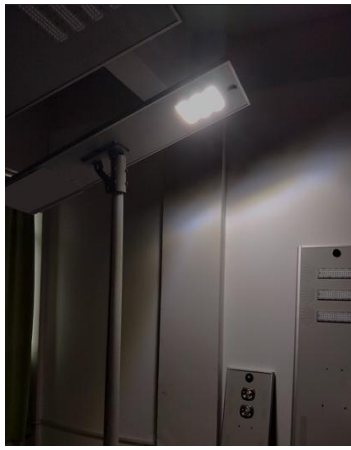



80W

05 Product parameters

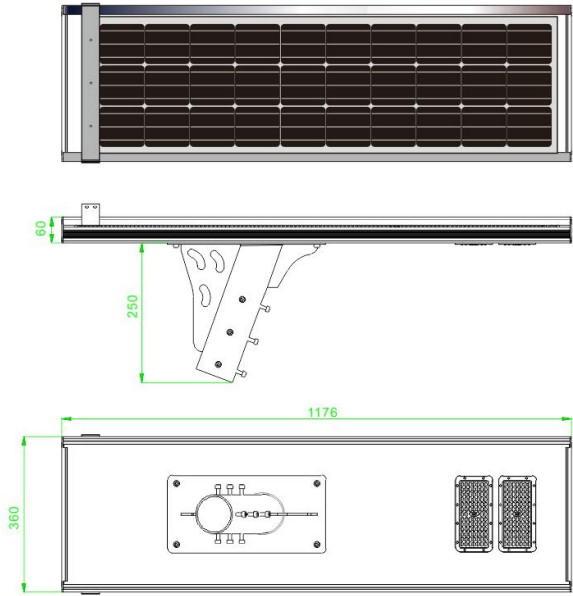
Part NO	BST- AIO- 60W-S01-CLEAR	BST- AIO- 60W-S01-CLEAR	BST- AIO-80W-S01-CLEAR
Power	40W	60W	80W
Luminous Flux	6400-7200	9600-10800	12800-14400
Lamp pole height	5~7m	6~8m	8~10m
Pole distance	15~21m	18~24m	24~30m
Light distribution	140*70		
CCT	2700-6000K		
CRI	Ra>70		
Light efficiency	160-180lm/W		
LED chip	Korea Seoul LED chips		
Solar Module	60W/18V	80W/16V	110W/18V
Solar panel life	25 years		
Lithium battery	12.8V/24AH	12.8V/30AH	12.8V/42AH
Housing color	Silvery gray		
IP rating	IP65		
Housing material	Excellent Aluminum +PC lens		
Ambient temperature at night	-20°C ~ +60°C		
Backup time	3 nights		
LED Life span	50000 hours		
Warranty	3 years		

06 Working mode

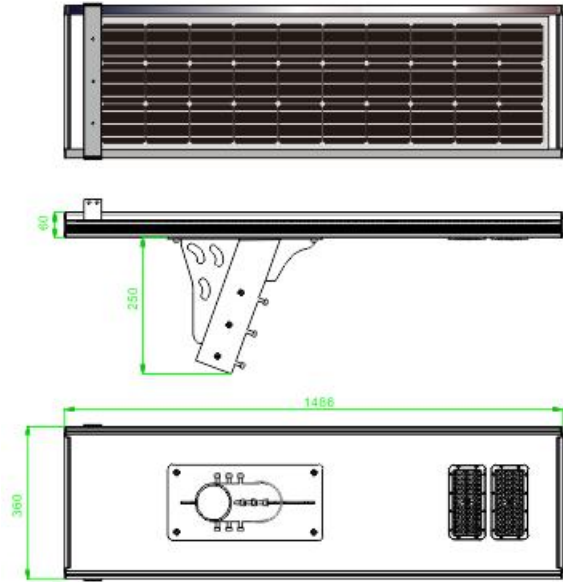
Energy saving mode	Motion sensor & Time control
Sensor	<p>People come , 100% brightness ; people gone , 10%~80% brightness can be set.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>20% brightness</p>  </div> <div style="text-align: center;"> <p>100% brightness</p>  </div> </div>
	<p>The lighting time at night can be set as 5 periods. The brightness can be set as whatever you want.</p>

Advice of working mode for different location	
Street	<p>Self-cleaning solar street lamps, which will automatically clean the solar panels in the morning and evening! suitable for dusty areas,Brushes need to replace regularly!!</p> <p>We recommend to set 4 time periods :</p> <p>In the 1st period, 4 hours , 100% brightness;</p> <p>In the 2nd period, 2 hours , 70% brightness;</p> <p>In the 3rd period, 4 hours , 30% brightness;</p> <p>In the 4th period, 2hours , 50% brightness;</p>
National Road	
Provincial Road	
County Road	
Village Road	
School	
Courtyard	
Garden	
Sidewalk	

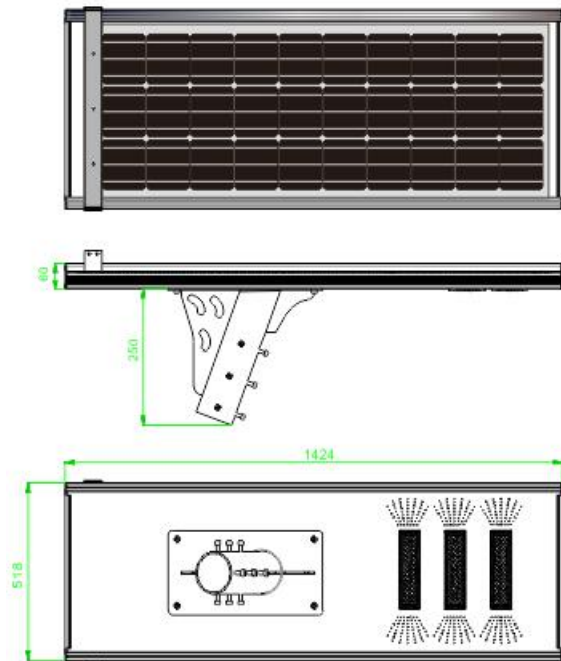
07 Dimension(Unit: mm)



40W(Size:1176*360*60)



60W(Size:1486*360*60)



80W(Size:1424*518*60)

08 Installation ways



40W
2 Light module
Standard lamp holder



60W
2 Light module
Standard lamp holder



80W
3 Light module
Standard lamp holder

09 Package

Anti-shock packaging material, with bubble bags and foam, ensure transport safety

Lamp packing:

Part NO	PCS/CTN	NW (kg)	GW (kg)	Packing L*W*H (mm)
BST-AIO- 30W-S02	1	9.3	11.5	868*440*125
BST-AIO-40W-S01-CLEAR	1	15.75	18.72	1276*440*125
BST-AIO-60W-S01-CLEAR	1	18.9	21.2	1586*440*125
BST-AIO-80W-S01-CLEAR	1	21.65	23.1	1348*595*125

Accessory packing (Sleeve):

Sleeve fittings Part NO	PCS/CTN N	NW (kg) /PC	GW (kg) /CTN	Packing L*W*H (mm)
Sleeve ID Ø84, OD Ø89	10	10.5	12.6	526*236*226 / 10sets*1carton
Sleeve ID Ø74, OD Ø79	10	9.8	12	488*236*226 / 10sets*1carton
Sleeve ID Ø64, OD Ø89	10	9.3	11.4	441*236*226 / 10sets*1carton
Sleeve adapter Ø97 TO Ø80	10	18	20.5	542*542*420 / 10sets*1carton