FEATURES & ADVANTAGES

Housing:

- Aluminum housing with ventilation grille
- Toughened glass for solar cell laminating

LED Optics:

- A-class Bridgelux LED SMD 170 LM/W
- Acrylic lens,high transmittance
- Batwing lighting distribution (type II)

1000W/M2 **charging** **LED lighting** **waterproof**

IP65

Electrical & Control:

- Mono solar panel,high photoelectric conversion efficiency,long life time
- Car-grade lithium ion battery, high quality, safe & durable, with over charging and over discharging protection

Mono Solar Cell

Photoelectric efficiency up to **21%**
25 years life time
State-of-art laminating craft

Li-ion Battery Pack

No leakage
No explosion
High temperature resistence
Over **1,500** times cycles

- Photoelectric triggering switch threshold at 15 LUX
- Smart phone bluetooth control, max 15~20 meters effective control distance

Day Light

Dicharging 〈 **15 lux** 〈 Charging
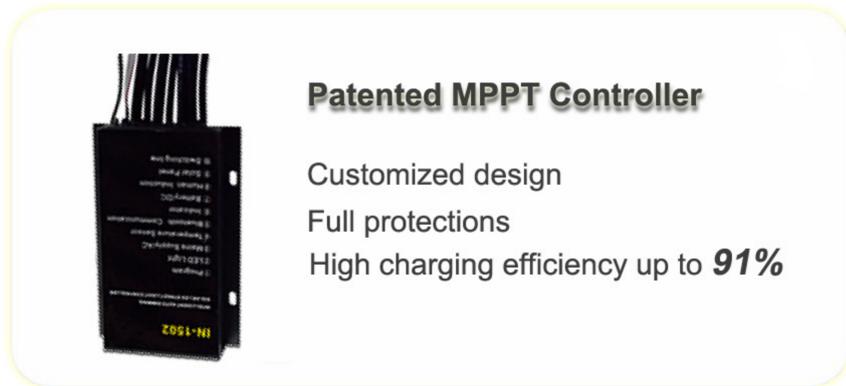Light on   Light off

Bluetooth APP Control

Compatible with *Android & IOS*
Light reading & Management
Remote trouble shooting
Time + Light + Power control

Quality Assurance

5 Years

Solid **5** years warranty for the whole light

Electrical & Control:

- High charging efficiency MPPT controller, 15%-18% higher than the market level.

Patented MPPT Controller

Customized design
Full protections
High charging efficiency up to **91%**

- Flexible structure and smart connection, easy maintenance
- -25°C ~ +65°C working temperature
- Wind resistance Class 16 wind scale
- CCTV Camera is optional
- Group control is optional
- Pathway indicator is optional

Optional HD Pi Camera
Real time monitoring

Technical Parameters:

Item No.	Watt	Solar	Battery	LEDs	Lumens	CCT	Charging Time	Discharging Time
GLU-2100C	100W	18V 120W	12V 84AH	120pcs Brigdelux	13000-15000lm	2700k-6500k	6-8 hrs	> 36 hrs
GLU-2120C	120W	18V 130W	12V 96AH	120pcs Brigdelux	15600-18000lm	2700k-6500k	6-8 hrs	> 36 hrs
GLU-2150C	150W	30V 150W	22.2V 57.2AH	180pcs Brigdelux	22500-25500lm	2700k-6500k	6-8 hrs	> 36 hrs
GLU-2200C	200W	30V 180W	22.2V 67.6AH	180pcs Brigdelux	30000-34000lm	2700k-6500k	6-8 hrs	> 36 hrs

Mechanic & packing:

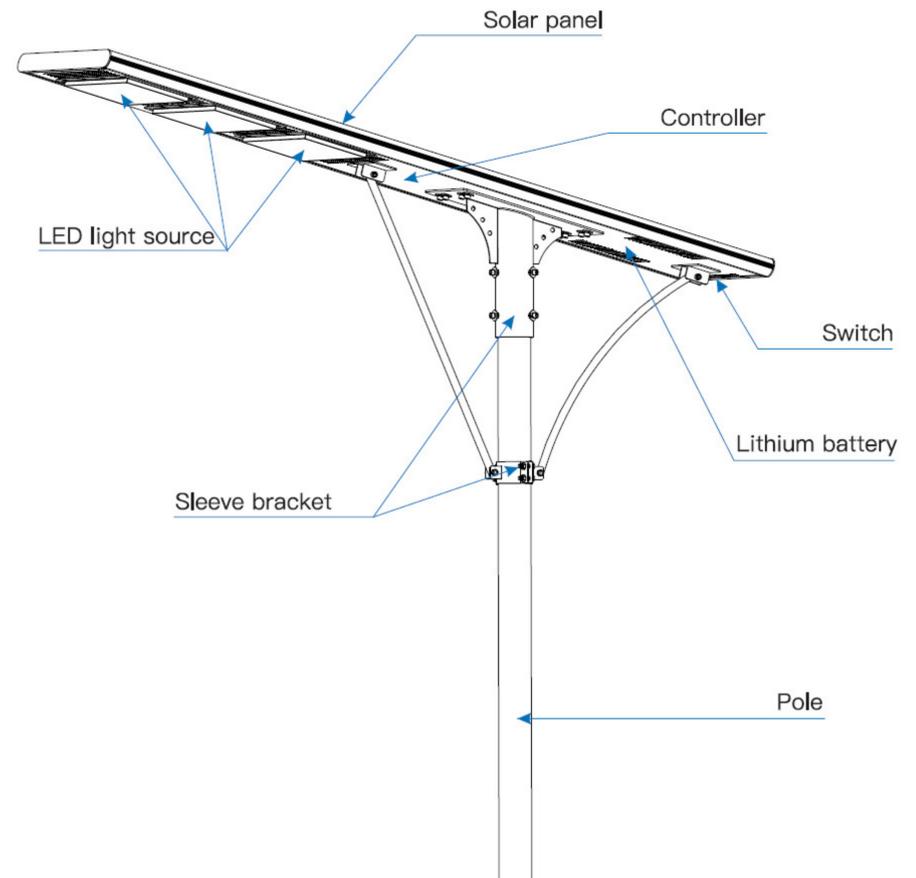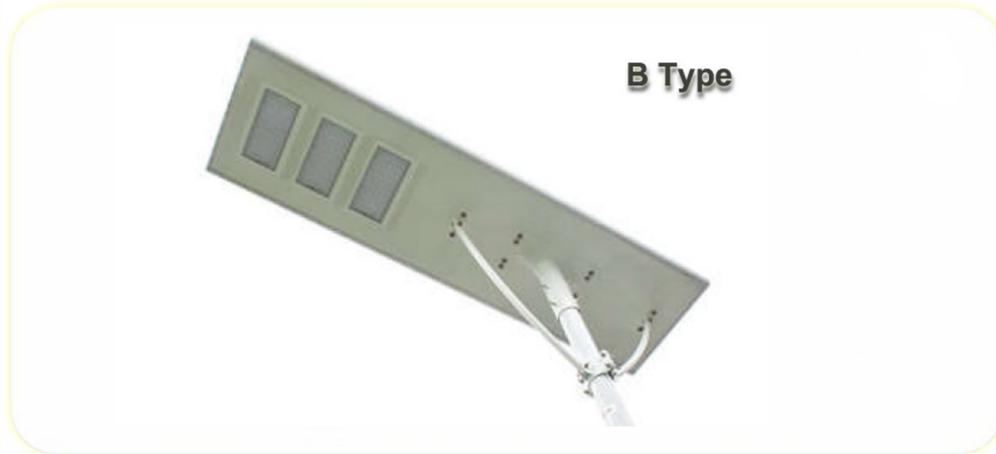| Item No.	Packing	Net Weight	Gross Weight	Installation Height	Poles Distance	Light Size	Packing Size	Parts Packing Size
GLU-2100C	1pc/2 cartons	25.5kg	30.5kg	9-11 meters	27-33 meters	1570x450x45 (mm)	1645x525x120 (mm)	405x235x380 (mm)
GLU-2120C	1pc/2 cartons	26.5kg	31.5kg	10-12 meters	30-36 meters	1670x450x45 (mm)	1740x525x120 (mm)	405x235x380 (mm)
GLU-2150C	1pc/2 cartons	29.5kg	34.5kg	11-13meters	35-45 meters	1750x550x45 (mm)	1835x625x120 (mm)	405x235x380 (mm)
GLU-2200C	1pc/2 cartons	33.5kg	38.5kg	12-14meters	40-50 meters	1940x550x45 (mm)	2120x625x120 (mm)	405x235x380 (mm)

Applications:

- Street lighting,parking lot lighting,flood lighting,wall lighting,garden yard lighting etc

Installation Instruction:

Please press the switch button on the end of the light to initiate before installing

- Standard pole bracket mount

B Type

Solar panel
Controller
LED light source
Switch
Lithium battery
Sleeve bracket
Pole

- Slipfitter mount

S Type

B ①

B ②

B ③

B ④

B ⑤

B ⑥

Bluetooth Control Setup & functions:

1) Install the App and make sure the location and bluetooth setup is open
2) Open the App, it will automatically search for light devices,connect and manage it

< Device Management

Power: 30W   Voltage: 10.67V

B25W-2019

Light Switch
Settings   >
Data Reading   >
Body Sensor Switch
HD Camera Switch
Indicator Switch
Indicator Mode Constant On >
Troubleshoot   >

< Settings   Confirm

TIMER   LIGHT CONTROL   POWER ADJUSTING

Period 1
Light On   Light Off
17   35   17   35
18 : 36   18 : 36
19   37   19   37

< Settings   Confirm

TIMER   LIGHT CONTROL   POWER ADJUSTING

Rainy Days Backup:
3   5   7   10

Duration of lighting after dark: 0Minute

Duration of lighting before dawn: 0Minute

< Settings   Confirm

TIMER   LIGHT CONTROL   POWER ADJUSTING

Period 1
Duration   10 Minute

Period 2
Duration   10 Minute

Period 3
Duration   10 Minute

Period 4
Duration   10 Minute