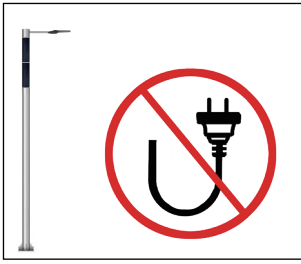


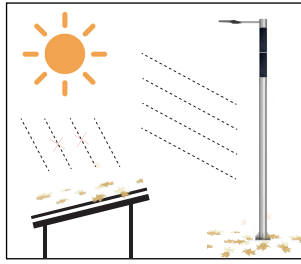
# SOLAR STREET LAMP

## Product Advantages



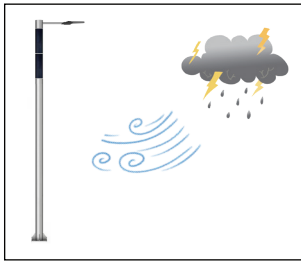
### Off-grid

No cabling or grid connection needed



### Stable Power Supply

Cylindrical shape, free from dust or snow covering. Low maintenance, high reliability.



### Weather Proof

Wind-resistance, waterproof



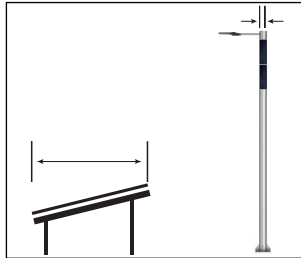
### Smart City Connectivity

Smart city applications can easily be connected. 4G, 5G, Wifi, IoT sensors.



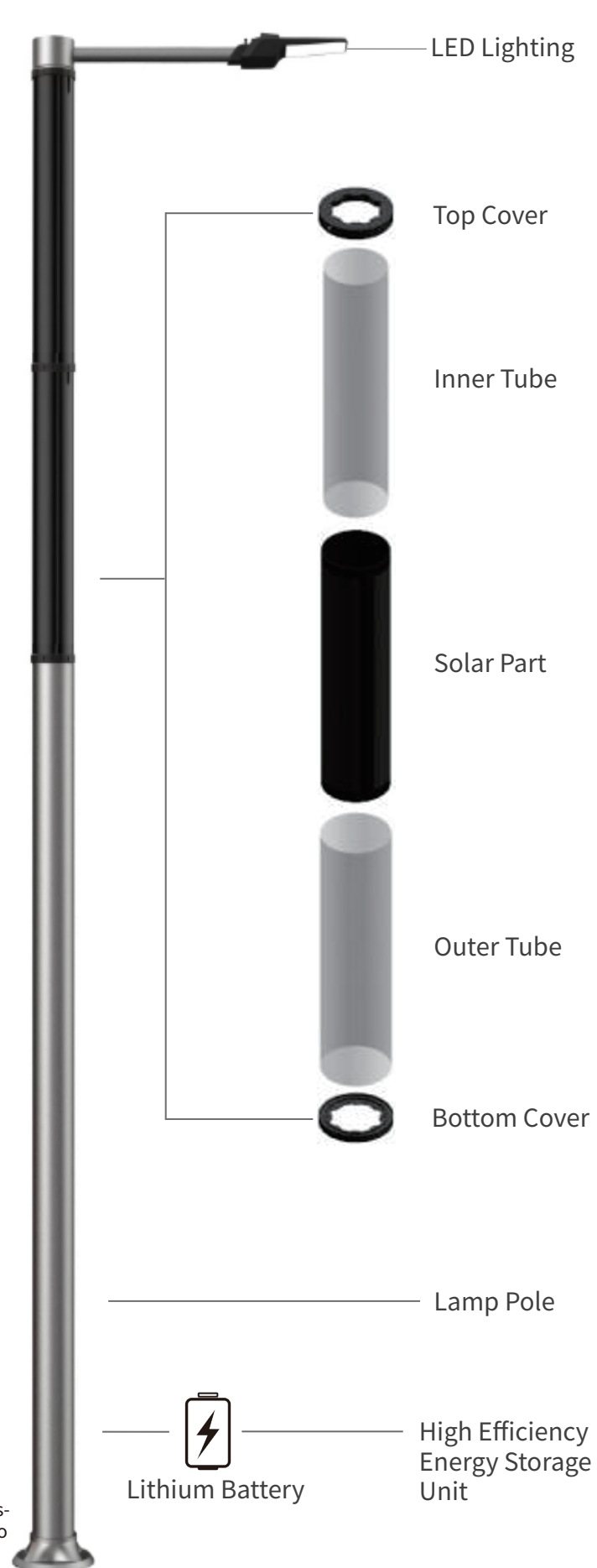
### Modular Design & High Efficiency

Mono-crystalline cell used, modular design, easy installation.



### Integrated To Lamp Pole

Aesthetic appearance, fully integrated to the lamp pole



## Examples



Off-grid






Without tools



Wind-resistance upto 60m/s

## Parameters

MODEL			
Module type/s	AP-LA-P30/AP-LB-P30/ AP-LC-P30	AP-LA-P60/AP-LB-P60/ AP-LC-P60	AP-LB-P100/AP-LC-P100
LED Lighting	Up to 30W	Up to 60W	Up to 100W
Battery	12V/ 50AH (At least 3 nights 8h/ night)	12V/ 90AH (At least 3 nights 8h/night)	24V/ 60AH (At least 3 nights 8h/night)
	Customized Available		
Color Temperature (LED Working Life)	3000K-5700K (>50000h)		
Controller	MPPT technology		
Surface Treatment	Metal powder electrostatic spraying (plastic spraying)		
Water Proof	≥IP65		
Working Temperature	-40° C~+ 85° C		

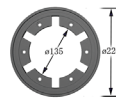
## Technical specification of Solar Part

### Parameters

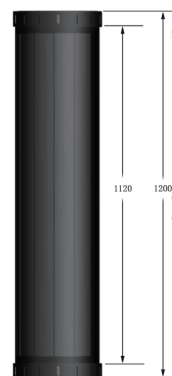
Cell type	Monocrystalline silicon
Power	150W
Isc	5.42A
Voc	37.1V
Imp	5.07A
Vmp	30.5V

### Structural

Size	226*226*1500mm
Diameter	R226mm, r135mm
Structure	Protective Shell + Flexible Solar Module
Weight	15 kg
Color	Black
Operation Temp	-40° C~+85° C
Operation Humidity	0% ~80%



**Excellent Appearance**  
Integrated to lamp pole



**High Reliability**  
Wide range of working temperature



**Lightweighted**  
Shingling tech., 2/3 lighter than conventional solar panels.



**Modular Design**  
It can be combined and matched arbitrarily and is convenient to install

Apply for Street lamp, landscape light, monitor camera, 5G

