



Aerospace Craft

60um thick Vertical solar panel



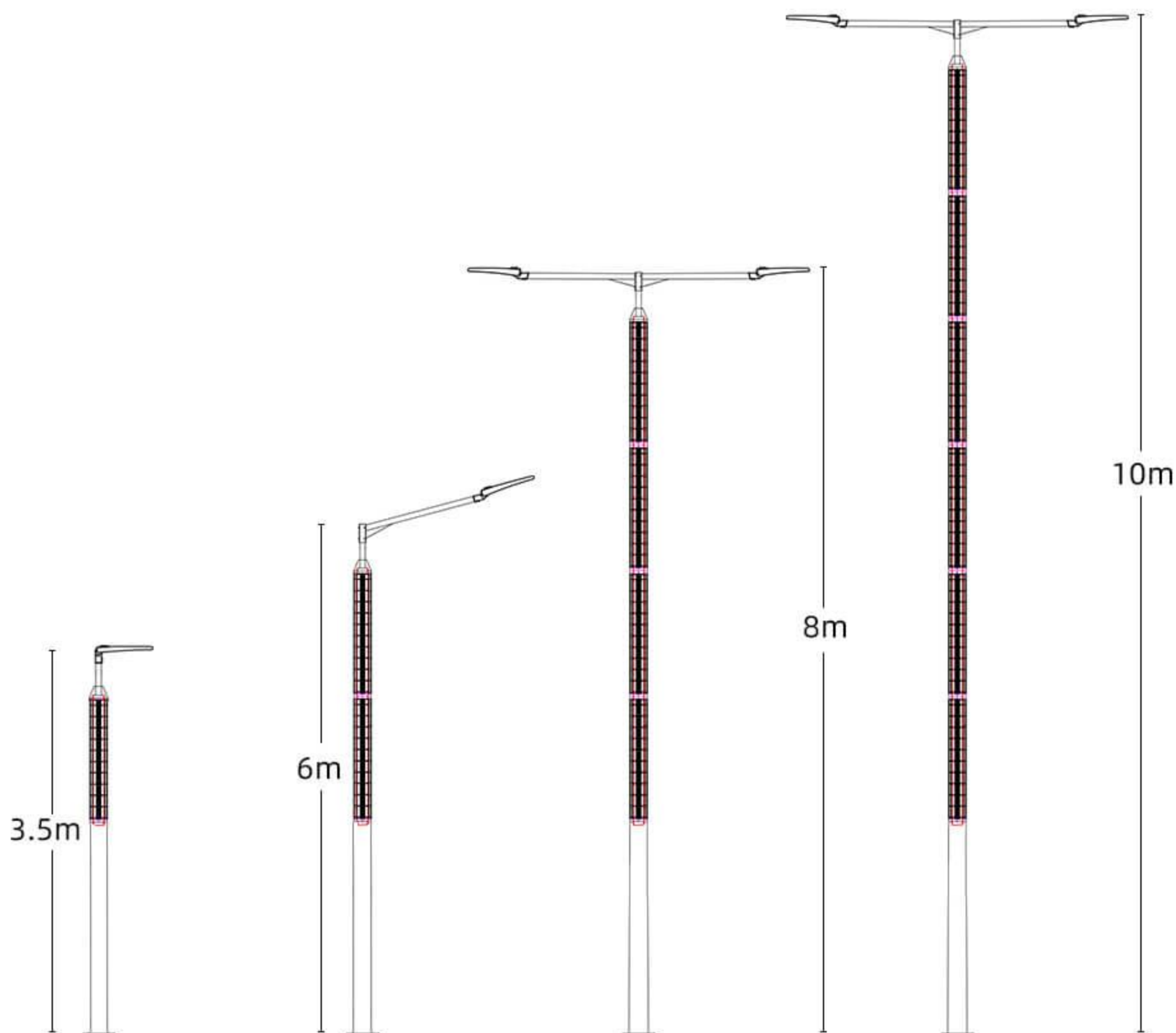
Solar Light Pole

Durable and corrosion-free
Solar powered street light poles



4 sizes available

(3.5m/6m/8m/10m)



6 ADVANTAGES

Flexible vertical solar panels



- ① No dust accumulate
- ② Beautiful and elegant
- ③ Absorb solar energy 360 degrees
- ④ High conversion rate > 24%
- ⑤ Cylindrical low wind resistance
- ⑥ Complete set with Pole





Anti-rust Treatment

Hot-dip galvanized inside and outside, the surface is finely polished and finally sprayed with high-quality fluorocarbon paint



Battery Compartment



Internal controller



Easy Maintenance for Battery and Controller

Steel lamp arm

Rotatable light head

1.2m steel light arm



Rotable up
and down



LED Lamp

30W Power, Cree high-brightness chip
182 LM/W, die-casting aluminum



Night view Real time shooting



Solar Panel Tube

Photovoltaic description:
high-efficiency, light-weight winding
heterojunction solar module chips
High-efficiency heterojunction monocrystal
cell efficiency of 24% and above.

PARAMETER

Maximum power: $120\text{W} \times 2\text{pcs} = 240\text{W}$

Open circuit voltage: 22.14V

Short circuit current: ISC 7.352A

Peak Power Voltage VMP: 17.73V

Maximum peak power current: I_{mpp} : 6.818A

Protection level: $\geq \text{IP65}$.

Dimensions: 1330mm*560mm

Lithium Battery

A-Plus LiFePO4 lithium battery

12.8V/36AH



Installation

Cmoonlight supplies the cylindrical solar panels soldered with +/- cables and fixed a fastening item on both ends. Customers will directly put the cylinder through the pole and use the fastening items to fix the cylinder to the pole.



Package



Item	Package	Gross Weight	Size
Pole package	Non-woven Fabrics		
Solar Tube package	EPE Foam+Carton size+Wooden case	16.2kg	153*25*28cm
Lamp package	EPE Foam+Carton size	5.44kg	74*32*14cm