

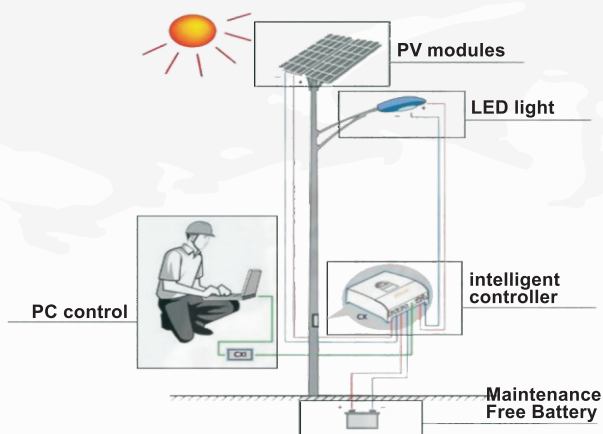
Solar Street Light (GD-SL)

SYSTEM COMPOSITION

Solar Street light is mainly composed of solar panel, LED lamp, intelligent controller, gel and maintenance-free battery, light pole and etc.

SYSTEM ADVANTAGE

Installation	Easy installation: without laying complex line, just need a cement base with screws
	Electricity free: solar street light is a one-time investment, no maintenance costs, about 3 years to recover the cost and benefit in the long run
Safety	There is no potential safety hazard, solar lamps and lanterns use less than 36 v direct current, no harm to human body
Lifetime	Long lifetime: solar panel 25years, super-bright LED 50000 hours, solar battery 5~7years
Others	Environmental protection; continuous property management cost reduce, cut down the inhabitant's public share part cost



Solar Street Light (Village)



Solar Street Light (Town)



Solar Street Light (Park)



30w street light recommended configuration

Power	Work time	Site	Average insolation	Overcast & rainy	Panel power	Battery	Controller
30W	(4+4) h/d	Northeast	4h	2-3	80W	80AH	10A
		North	4.3h	2-3	80W	80AH	
		Northwest	4.8h	2-3	80W	80AH	
		Center CN	4h	2-3	80W	80AH	
		South CN	3.7h	2-3	80W	80AH	
		East CN	4h	2-3	80W	80AH	
		Southwest	3.2h	2-3	80W	80AH	

60w street light recommended configuration

Power	Work time	Site	Average insolation	Overcast & rainy	Panel power	Battery	Controller
40W	(4+4) h/d	Northeast	4h	2-3	130W	100AH	10A
		North	4.3h	2-3	130W	100AH	
		Northwest	4.8h	2-3	120W	100AH	
		Center CN	4h	2-3	130W	100AH	
		South CN	3.7h	2-3	130W	100AH	
		East CN	4h	2-3	130W	100AH	
		Southwest	3.2h	2-3	160W	100AH	

120w street light recommended configuration

Power	Work time	Site	Average insolation	Overcast & rainy	Panel power	Battery	Controller
50W	(4+4) h/d	Northeast	4h	2-3	160W	120AH	10A
		North	4.3h	2-3	160W	120AH	
		Northwest	4.8h	2-3	150W	120AH	
		Center CN	4h	2-3	160W	120AH	
		South CN	3.7h	2-3	160W	120AH	
		East CN	4h	2-3	160W	120AH	
		Southwest	3.2h	2-3	200W	120AH	