

Light up
the streets!



LED lighting technology is the future!
LED Solar street lights are the ultimate cost effective solution for rural and urban large-scale lighting.

Unaffected by blackouts and fluctuating costs of grid power, solar street lights are available in different formats and brightness and can be programmed to fit any lighting schedule depending on country, season or situation.

All night long or 6 hours after sunset... way past the rush hour.

Just a few State of the Art High power LEDs provide wide lighting area for up to 80,000-100,000 hours before need of replacement.

This means 20 years operational life for normal street lights working 12 hours/night 365 days.....in a year, resulting in less operating, maintenance and replacement costs... or in remote areas less logistics!

Housing is rugged, designed to be shock and dust proof...the lighting quality also prevent attracting insects...something not to be overlooked.

Each solar street light system includes everything you need to install and operate your lights immediately. Simply select the appropriate model, or contact us to discuss which is best suited to your needs.

LED Watts	Lumen	 Traditional Watts	 CFL Watts	 Hi-Sodium Watts
25	1417	167	50	42
50	2833	333	100	83
75	4250	500	150	125
100	5667	667	200	167
150	8500	1000	300	250
200	11333	1333	400	333



LED 25/6

- 1 x H40 W solar module
- 2 x KX12-28 Ah Batteries
- 1 x Charge controller
- 1 x 25 W LED Street Light
- 5-6 hours/night operation

LED 25/12

- 1 x H85 W solar module
- 2 x KX12-28 Ah Batteries
- 1 x Charge controller
- 1 x 25 W LED Street Light
- 10-12 hours/night operation



LED 50/6

- 1 x H85 W solar module
- 2 x KX12-50 Ah Battery
- 1 x Charge controller
- 1 x 50 W LED Street Light
- 5-6 hours/night operation

LED 50/12

- 2 x H85 W solar module
- 2 x KX12-65 Ah Battery
- 1 x Charge controller
- 1 x 50 W LED Street Light
- 10-12 hours/night operation



LED 75/6

- 1 x H150 W solar module
- 2 x KX12-50 Ah Battery
- 1 x Charge controller
- 1 x 75 W LED Street Light
- 5-6 hours/night operation

LED 75/12

- 2 x H150 W solar module
- 2 x KX12-100 Ah Battery
- 1 x Charge controller
- 1 x 75 W LED Street Light
- 10-12 hours/night operation



LED 100/6

- 1 x H175 W solar module
- 2 x KX12-65 Ah Battery
- 1 x Charge controller
- 1 x 100 W LED Street Light
- 5-6 hours/night operation

LED 100/12

- 2 x H175 W solar module
- 2 x KX12-150 Ah Battery
- 1 x Charge controller
- 1 x 100 W LED Street Light
- 10-12 hours/night operation

Specs

- 25W: 278x225x120mm

150W: 622x225x120mm

Operating Temp: -30°C~55°C

Power Factor: > 90%

Harmonic Distortion: < 20%
- 50-100W: 452x225x120mm

200W: 775x225x120mm

Lifetime: > 80,000 hrs

Mount Hole: ID Ø62mm

Voltage: 24 or 240 V

About LEDs

- LED stands for Light Emitting Diode
- They emit light when current passes through
- LEDs are solid state therefore very durable
- Lifespan is about 100,000 hours or about 20 years
- Can withstand vibration, heat and extreme cold

Benefits

- Low power consumption.
- Low light loss high system efficiency
- Reliable, long life, no maintenance
- Unlike other lights...no Carbon Emissions
- Unlike other lights...no polluting materials
- Simpler planning, service and maintenance
- No colours distortion, better visibility
- Light output can be made highly directional.
- No insects menace...
- Not known disadvantages