



Cylindrical Solar Street Light Post



La solution écologique pour tous vos besoins d'éclairage
Ecological solutions for all your lighting needs
Soluciones ecológicas para todos los proyectos de iluminación y alumbrado



SolarWrap

Cylindrical Solar Module
For Integrated Solar Post

What Is It?

Cylindrical solar LED street post is a advanced combination with latest technology. It adopts the cylindrical solar modules as a revolutionary design in 2019.

Solar cylinder is based on modular conception which is can be easily mounted to any kind of pole within diameter 165mm, It adopts mono-crystalline solar panel with high efficiency up to 21.2% and more than 20 years lifetime. It has a very aesthetical appearance and has a much better wind resistance than regular solar panel.

The whole post only includes two functional components including solar cylinder and solar light head which can be connected directly by MC4 connectors. The battery and solar controller are built inside of light fixture. The power of lights covers from 20W to 120W which can be installed on poles from 5M to 14M.

Solar cylinder light post is a premium and advanced product. It is designed specially for these projects concerning a lot on aesthetical appearance as well as high luminous, durable quality system and longtime lifetime.



Salt
Resistant

Universal Application



SolarWrap can be used in any type of poles and designs without dismantling them makes the application. Poles can be sourced separately, the detachable design with adjustable spacing brackets helps the mounting easy in every pole.



360° Full Day Charging

6 slim solar panels are fixed tightly on a hexagon frame. so it ensures 50% of solar panel will face to sunshine at any time of the day.



Modular Installation

This solar cylinder module is based on modular design concept for easy installation and disassembly. It can be quickly and easily mounted on any suitable pole.



Patented Design

SolarWrap solar cylinder module is designed based on advanced concepts and manufactured in high standards. PCT pre-registration was processed in 180 countries to protect market.



Strong Wind Resistance

The cylindrical design reduces the wind resistance area, and each module is directly fastened to the pole by 12 screws for better wind resistance. It can stand well against even 10 grade typhoon.



Never Snow Covering

Solar cylinder modular mounted in vertical, it is not easy to be covered by snow as regular solar panel. Ensure enough power can be generated even in very snowy climate. Never worry black



Easy to Clean

Less dust will fall on surface than regular solar panel. Worker can clean it easily standing on ground with a long handle brush. no need lift. higher work efficiency and less maintenance cost.



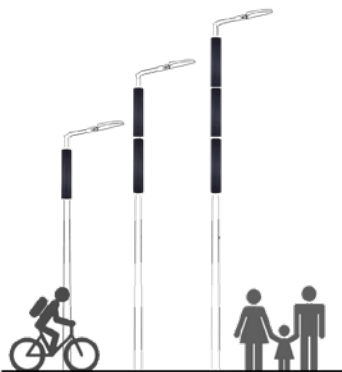
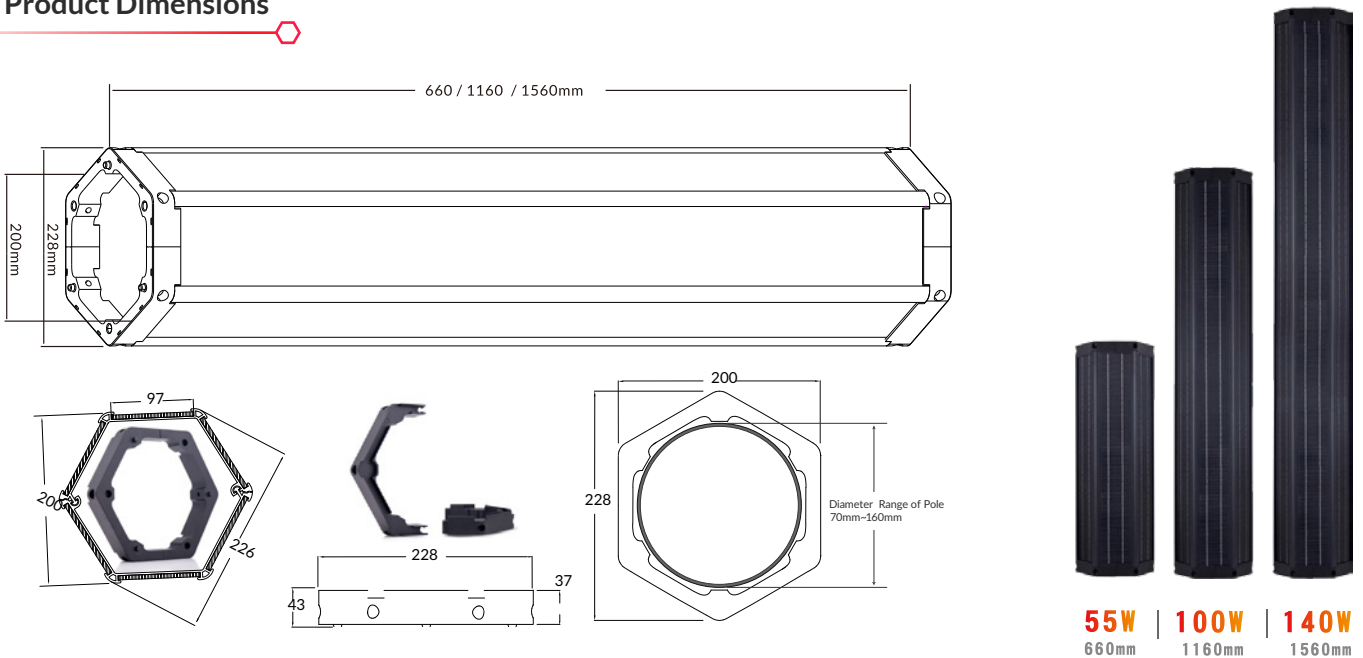
Design Aesthetics

The relatively large size of solar panels on the pole top has made the solar lighting not an option for the areas where the design aesthetics and decorative lighting applications are used. SolarWrap module systems is the real answer which is compact and fully integrates on the pole and available in custom colors to match the design of the pole.

Product Specifications

Model No	Q55	Q100	Q140
Cell type	Mono made in Taiwan	Mono made in Taiwan	Mono made in Taiwan
Pmax	55W	100W	140W
Vmp	18V	18V	18V
Imp	3.06A	5.6A	7.8A
Carton dimensions	72X30X28 cm	120X30X28 cm	160X30X28 cm
Frame material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Solar cell efficiency	>21.2%	>21.2%	>21.2%
Cable model	2.5mm2 with MC4	2.5mm2 with MC4	2.5mm2 with MC4
Operating temperature	-40 C to +85 C	-40 C to +85 C	-40 C to +85 C
Warranty	10 years	10 years	10 years
Life time	25 years	25 years	25 years
N. W	16.07kgs	19.07kgs	22.70kgs
G. W	17.80Kgs	21.80Kgs	24.30Kgs

Product Dimensions



Compatible solar integrated lights

Built in lithium battery, bms and smart controller

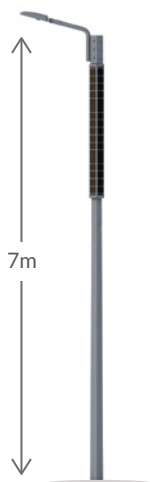
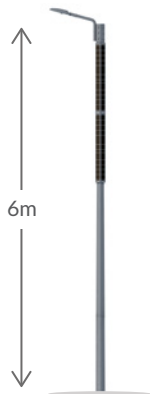
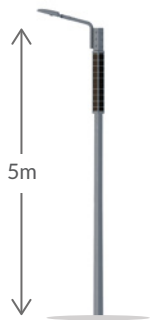


KING
SMART SOLAR STREET LIGHT
60 | 70 | 80 | 90 | 100 | 120 Watts



MINI KING
SMART SOLAR STREET LIGHT
20 | 30 | 40 | 50 | 60 Watts

Cylindrical Solar Street Post (MINI KING Series)



Post Height	:	5 Meters
Light Power	:	20 Watts
Luminous Flux	:	>2,800lm
Beam Angle	:	140*70 °
Battery Capacity	:	12V 268WH
Battery Lifetime	:	> 1,800 Cycles
Solar Cylinder	:	Q100 100W
Solar Controller	:	Programmable MPPT
Post Dimension	:	90*150mm
Working Temp.	:	-20°C ~ +60°C
Posts Distance	:	12 ~ 18 Meters
Warranty	:	3 Years

Post Height	:	6 Meters
Light Power	:	30 Watts
Luminous Flux	:	>3,600lm
Beam Angle	:	140*70 °
Battery Capacity	:	12V 391WH
Battery Lifetime	:	> 2000 Cycles
Solar Cylinder	:	Q140 140W
Solar Controller	:	Programmable MPPT
Post Dimension	:	100*160mm
Working Temp.	:	-20°C ~ +60°C
Posts Distance	:	15 ~ 20 Meters
Warranty	:	3 Years

Post Height	:	7 Meters
Light Power	:	50 Watts
Luminous Flux	:	>6,200lm
Beam Angle	:	140*70 °
Battery Capacity	:	12V 548WH
Battery Lifetime	:	> 1,800 Cycles
Solar Cylinder	:	Q140 2Pcs 280W
Solar Controller	:	Programmable MPPT
Post Dimension	:	100*170mm
Working Temp.	:	-20°C ~ +60°C
Posts Distance	:	18 ~ 28 Meters
Warranty	:	3 Years

The specifications including solar light and power of solar cylinder modules can be customized according to your requirement.



Cylindrical Solar Street Post (KING Series)

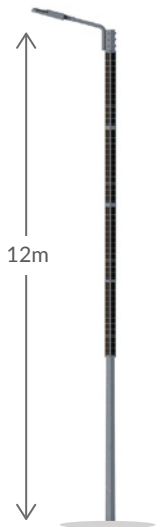
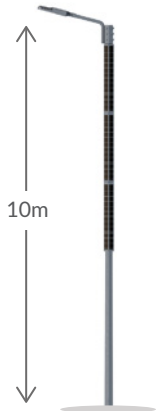
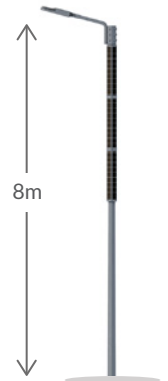


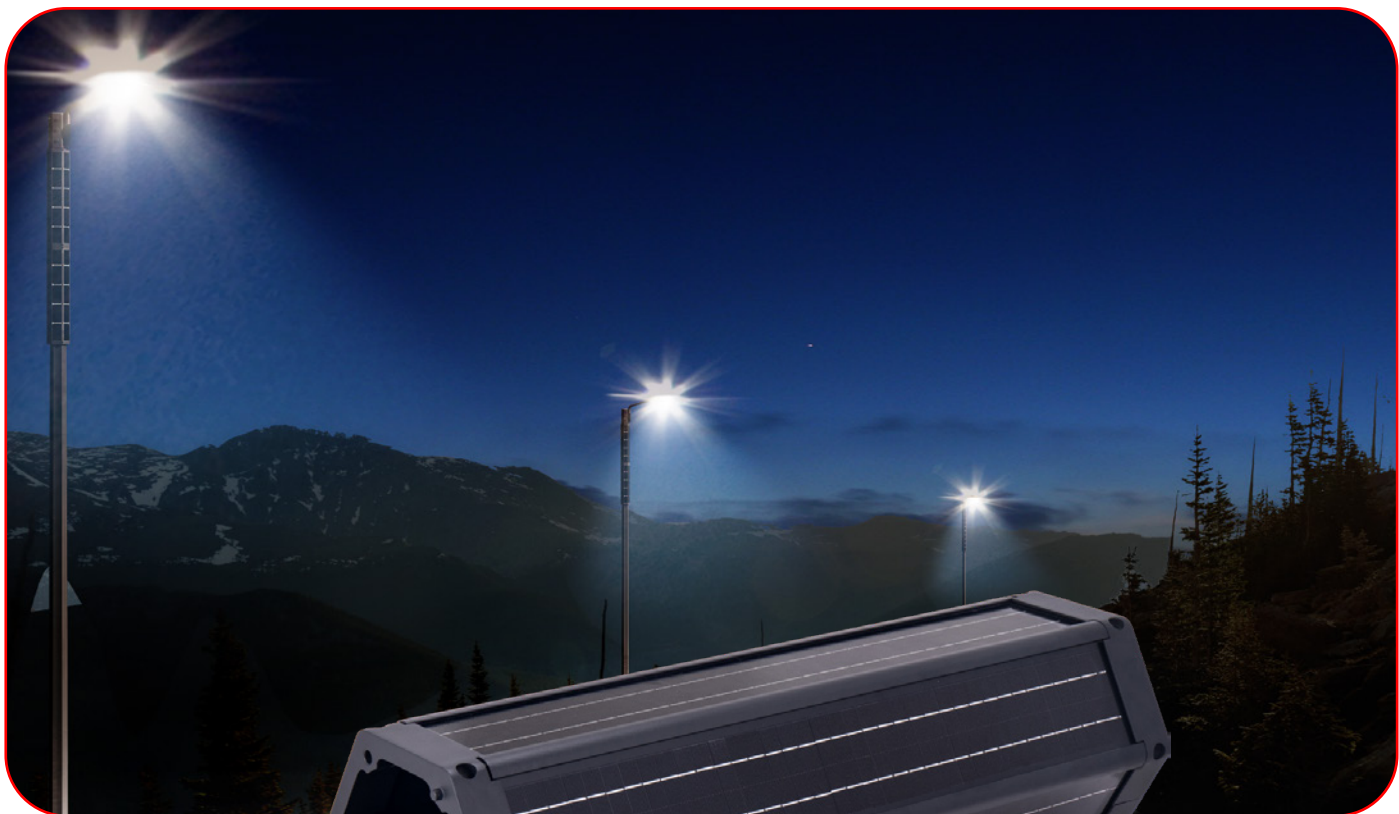
Post Height	:	8 Meters
Light Power	:	60 Watts
Luminous Flux	:	>7,800lm
Beam Angle	:	145*83 °
Battery Capacity	:	840WH
Battery Lifetime	:	> 2,500 Cycles
Solar Cylinder	:	Q100 3 Pcs 300W
Solar Controller	:	Programmable MPPT
Post Dimension	:	120*160mm
Working Temp.	:	-20 C ~ +60 C
Posts Distance	:	20 ~ 30 Meters
Warranty	:	3 Years

Post Height	:	10 Meters
Light Power	:	80 Watts
Luminous Flux	:	>10,800lm
Beam Angle	:	145*83 °
Battery Capacity	:	1080WH
Battery Lifetime	:	> 2,500 Cycles
Solar Cylinder	:	Q140 3Pcs 420W
Solar Controller	:	Programmable MPPT
Post Dimension	:	120*160mm
Working Temp.	:	-20 C ~ +60 C
Posts Distance	:	20~ 35 Meters
Warranty	:	3 Years

Post Height	:	12 Meters
Light Power	:	100 Watts
Luminous Flux	:	>12,800lm
Beam Angle	:	140*70 °
Battery Capacity	:	1440WH
Battery Lifetime	:	> 2,500 Cycles
Solar Cylinder	:	Q140 4Pcs 560W
Solar Controller	:	Programmable MPPT
Post Dimension	:	100*230mm
Working Temp.	:	-20 C ~ +60 C
Posts Distance	:	20 ~ 35 Meters
Warranty	:	3 Years

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Revolutionary 2019