

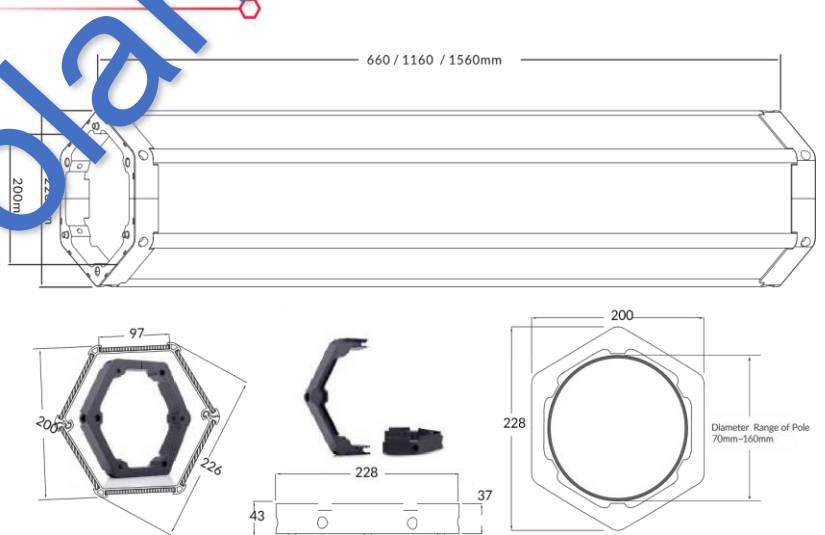
OkSolar.com **Specs Sheet** [Cylindrical Solar Module](#) 00008251

Model No	OkSolar60 – ITEM 8251	OkSolar100 - ITEM 8252	OkSolar140 - ITEM 8253
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	5 years	5 years	5 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



**55W** | **100W** | **140W**  
660mm | 1160mm | 1560mm

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## 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.



**Universal Application**  
OkSolarWrap 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

OkSolarWrap 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

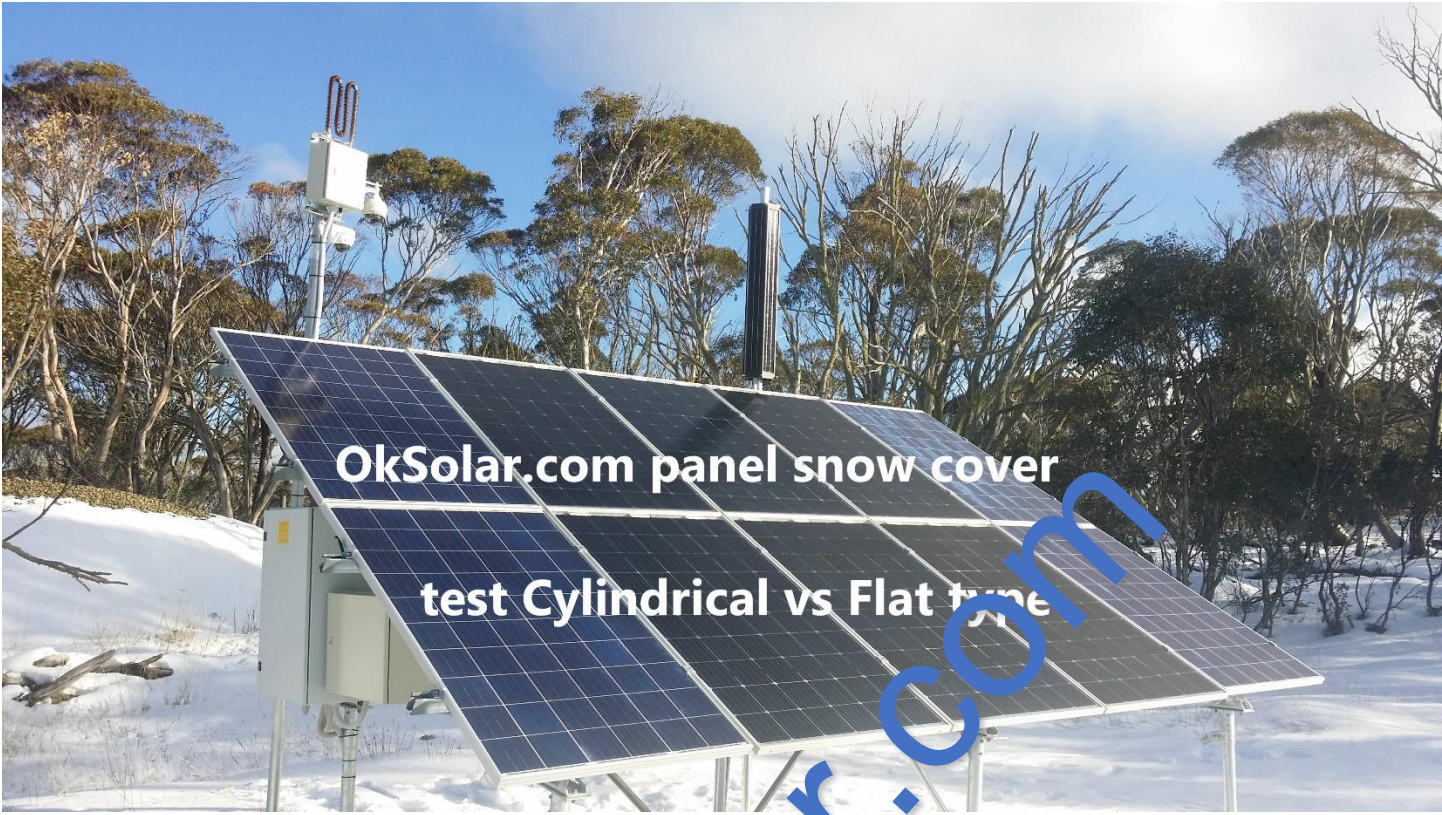
The relatively large size of solar panels on the pole top has made the solar lighting not an option for the areas where the design aesthetics and

decorative lighting applications are used. OkSolarWrap module systems is the real answer which is compact and fully integrates on to the pole and available in custom colors to match the design of side Pole.





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test Cylindrical vs Flat type



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Snow Cover Test  
Solar Cylindrical Module  
VS  
Flat Type

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**Cylindrical**  
**vs**  
**Flat type**



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